

BOOK No 6

)(

H.A. ALLARD.

Field  
Collection

NUMBERS

7448-8777

Sept. 23 and 24. To Woodstock, Va., with T,  
and North Mt., near Va., <sup>up</sup> leaving from Trout Run  
to Aviation Tower. and on Sept. 24, west of the  
power line clearing between Woodstock and  
Strasburg, near North Mt., into valley beyond,  
thence to 55 highway to Strasburg, Va.,

Oct. 4, 1939. To High Point and west slope  
from Castello's with Mr. E.C. Leonard of  
U.S. Nat. Museum.

October 8, 1939. To Bull Run Mt., Va. with  
S. P. T. Cover area from a line west  
of White Rocks (north of Haperell Gap)  
to highway to Halfway (west) and to  
a line about 2½ miles north, and  
east to foot of Bull Run slopes.

October 14-15 <sup>1939</sup> To Devil's Hole Mt. south of  
roadway from abandoned CCC camp on  
top of North Mt., west of Edinburgh, and to  
south end of Short Mt. with D.

October 22, 1939. To Haperell Gap and area  
on west slope of Bull Run Mt., below High Point  
with T.

October 29, 1939. To Bull Run Mt., Va. covering  
area at foot, west slope, of High Point  
ridge and cliffs scarp. with K.

November 12, 1939. To Bull Run Mt., with  
T. Covered area from Castello's quarry  
spring along west slope of High Point  
ridge and top of High Point cliffs.

See # 8733. Carex leptomeria -  
new to W. Va.

Allard, H. A.

Va., W. Va.

1939-1941

Book 6.

Field Notes nos. 7448 - 8777.

8466a Hood purple with short stripes  
off. f. zebrinum

8466b. Hood purple with still longer stripes,  
= closer to f. zebrinum.

8466c = Hood purple, stripes long as hood,  
but narrow and purplish; very near  
f. zebrinum.

8466d = Arisaema atrovirens  
f. zebrinum (Linn.) Fern.  
Hood purple with long pale  
greenish stripes

all forms of A. atrovirens  
ranging from - purple to striped  
hood (f. zebrinum)

In event of death turn this  
book over to Mr. E. C. Leonard  
of the U. S. National Herbarium.  
H. A. Allard.

See #8201. Massey (letter of Dec. 9, 1942  
says it is Vitis cinerea var. floridana Munson,  
= V. simpsoni, according to W. H. Bailey -)  
See Fernald in Rhodora 38: 426-428. He  
separates this var. on basis of rusty  
tomentum. See L. H. Bailey in Gentes  
Herbarium, 3, 181 & 205-207 also.

See #7462 = Agrimonia rostellata Wallr.  
Maclura pomifera (Raf.) Schneider is  
at old cabin south of Hagerell sat near  
white oak grove, and near Broad Run  
station; not collected.

White Poplar in flower on the Triassic  
area at Haymarket, Va 3-31-1940.  
Not found in Bull Run mt. area proper.  
Draba verna in full bloom March 24, 1940  
(see trip)

a pure white form of Hepatica triloba  
along lane from Harris's House to where  
we parked; full bloom April 7, 1940. = #7606

Pure white form Viola pedata #7634  
on short mt, shale, May 5  
Nicotiana glauca Donnell = #7612

#8273 Malus glaucescens Rehd. ? all  
in Nat. Arboretum Herbarium. (coll. Oct. 13, 1940)

#8275 to 8297 inc. prepared and sent to  
Dr. Richard Evans Schultes, Botanical Museum at  
Harvard University, Oxford Street, Cambridge Mass,  
October 23, 1940.

#8301 Cetraria islandica on Big Bald Trail  
where it turns off to Knob 1 mile. <sup>Hand</sup> <sup>Scrub</sup>

Turn off to Big Bald  
Knob  
B-2-B-1  
Canal Taddy  
Mistletoe first record for Bull Run area = Nov. 21, 1940  
= #8327  
Manufactured by  
S. Government Printing Office

November 19, 1939. To Bull Run Mt. with T., covering area south of Hapnell Gap from Castello's spring & Riley's spring on west wooded slope to High Point Cliffs.

November 26, 1939. To same areas as for November 19, 1939 with T.

December 3, 1939. To High Point Cliffs with D. Clear - windy - temp. about 48°-50°.

December 10, 1939. To the west slope of High Point ridge, covering the area south of Hapnell Gap, including the "morphological" areas, and the High Point Cliffs; to take photographs. with T.

December 24, 1939. To High Point Cliffs via the valley road with D, then north to Hapnell Gap nearly back along west slope to High Point and on to car at Thoroughfare Gap (Berkeley).

January 21, 1940. To High Point Cliffs with T. Met Paul Bradd, Mr. Thomas and 3 others rock climbing. Light snow on ground.

~~January~~ February 4, 1940. To High Point Cliffs with T. 3½-4 in. snow on ground.

Feb. 11, 1940. To High Point Cliffs with T. Took climbing lesson with rope from Paul Bradd, using middleman's knot for ladder, Banline for roping people together etc.

Feb. 18, 1940. To Bull Run Mt. with T. walking from Berkeley Mill to High Point Cliffs snowed a little, then rain at 3 P.M.

p.H. on Buzzard Mt., flat rock see - #8562.

March 24, 1940. To High Point from Thoroughfare Gap with T.

March 31, 1940. To west slope below High Point Cliffs from Castello's with T. walked by Pedometer (set 30 in. step) just 5 $\frac{3}{8}$  miles = 5 $\frac{3}{8}$  miles.

April 7, 1940. To Belts then east over ridge to flagstone quarry then down to Harris' swamp and back to car at colored house below White Oaks - walked 3 $\frac{3}{8}$  miles by Pedometer.

April 11, 1940. To Berkeley Mill, Thoroughfare Gap, Bull Run Mt., with — walked to High Point and beyond, and down west slope 7 $\frac{1}{8}$  miles by Pedometer. sled back in Room on 211 at Bull Run Bridge; none in Room at Thoroughfare Gap or on the ridges.

April 28, 1940. To Thoroughfare Gap with T. following down Broad Run 4 miles east by Pedometer - walked 7 miles at return, as we straightened our course <sup>on return</sup> 100 sometime out of possible 10070 or 13 hrs. + *Mertensia virginica* in full bloom - areas of blue 4 miles down - just in its prime - as *Claytonia*, *viola*, *Erythronium*, *Shad-Claydalis* etc.

May 4, 1940. To Front Royal, May 5, To south end of Short Mt., Massanuttes, via Ponells Trout Valley. Redbuds everywhere at height of Beauty especially on limestone south of Strasburg, Va. *Isatis tinctoria* at Bridge at Riverton not in bloom.

May 12, 1940. To region just south of Castello's at Hagerell Gap, white oak grove, pastures, nest etc., with T. walked by pedometer 8.2 miles.

May 18, 1940. To Trout Royal, and on May 19, to shale at end of Pughs Run road just north of Woodstock. Met old couple Mr. & Mrs. Boyer living on 200 acre farm between Shenandoah and the shale barrens at end of Pughs Run road, he 78 years old, she 80 years old. Pedometer registered  $5\frac{1}{4}$  miles.

May 30, 1940. To Ball Run Mt., parking at Castello's; walked north through pastures to bare areas where plots were planted to corn, then up slope toward High Point Ridge and return to car. Pedometer registered  $4\frac{1}{4}$  miles at 27 in step (including).

All previous trips to May 18 above - pedometer set at 30 inches and gave  $1\frac{1}{4}$  miles per actual mile: hence reduce this amount for May 18 and earlier.

June 9, 1940. To bare plots at Hagerell Gap with D.

June 15-17, 1940. To Woodstock area (about Pughs Run) Shale Barrens with H (T.). Tested Pedometer and with step of 29 inches, 1 mile registered exactly by automobile.

June 30, 1940. To fertilizer plots (barren soils) and to High Point cliffs with T. walked just  $5\frac{1}{2}$  miles. from Castello's down road to #55 via Hagerell & Broad Run road 2 4 miles.

July 14, 1940 To Thoroughfare Gap with Clarence (walked  $6\frac{1}{2}$  miles by pedometer. covered area along valley road to Hagerell Gap and to bare areas to High Point and return.

*Anemone graciosa* L. Woodstock, Va. in farm yard at Woodstock, Shenandoah Co. abundant, low, ascending. Sept. 24, 1939 H.G. Allard

7448  
(2)

7449 Mint: *Marrubium vulgare* L. ditto  
(2) near # 7448 in same farm yard  
(see 7455 - here entered by mistake)

7450 *Spiranthes* North Mountain, near Woodstock, Va., Hardy Co. very pubescent / on woods near road, west slope. here higher ledges at top (2500 ft) lines are cut through into where lower line is cut through to valley floor

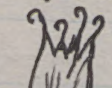
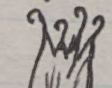
7451 *Aster macrophyllus* L. ditto  
(2) on west slope near ledges on road down to valley here we walked: 2500 ft. in woods: abundant.





















7452 *Quercus muhlenbergii* Arb. at top of ridge ditto  
(5) southern form, where very shallow saucer-like at ledges.  
at 2500 ft: near # 7450.

7453 *Solidago erecta* Pursh. ditto  
(4) on top of mountain, west slope on road road down at 2500 ft. stems smooth below; more nearly the typical form.

7454 *Solidago erecta* Pursh. var. ditto  
(2) near # 7453; stems and leaves more pubescent below; atypical therefore.

*Marrubium vulgare* L. Woodstock, Va  
= 7449 (See) farm yard with sheppard Co  
(2) Sept. 24, 1939  
H.A. Allard, error.

7455 # 7448  
(1) Calyx teeth hooked; alternate ones shorter. = Horehound.  entered here  
Sphagnum  on trail near High Point, Va.  
Subsp. at spring on trail near High Point, Va.  
with # 7447

7456  
" *Stylacanthus biflorus* (L.) B.S.P. Bull Run Mt., Va  
on railroad tanks at Berkeley Mill, Tangier Co  
Past flower.                      

*Crataegus margaritacea* Ashe Bull Run Mt., Va.  
in high hummocky pasture west of Castell's  
7469 (1) woodbine: fruit ripe cliffs. Oct. 4, 1939  
H.A. Allard. e

7470 *Crataegus margaritacea* Ashe.  
(1) Same pasture with # 7469 ditto e

7471 *Polystichum acrostichoides* (Michx.) Schott.  
(3) In edge of same hummocky field with # 7469, ie just beyond  
Riley's name - see yellow violet group. ditto e

7472 *Bidens frondosa* L.  
(1) Roadside in front of Castell's; damp soil: abundant. ditto e

7473 *Citrullus vulgaris* Schrad.  
(2) (watermelon) at Castell's quarry; vigorous; young fruits 2 inches long. ditto e

7474 *Datura stramonium* L.  
(2) Roadside at gate to Castell's quarry, Hagerell Gap highway # 601 ditto e

7475 *Corallorhiza odontorhiza* Nutt.  
(1) In woods near foot of High Point cliffs west slope. ditto e

*Panicum* Upper Marlboro, Md.,  
sent in by Dr. D.E. Brown.  
On plots (experimental) Oct. 4, 1939  
7476 abundant. H.A. Allard.  
(3) = *Panicum brachneae* Ashe  
var. *fasciculatum* (Torr.) H. & C. e

7477 Leaves of *Vitaceae* Bull Run Mt., Va.  
(1) ~~unidentified~~ *prunifolia* Tangier Co. Oct. 8, 1939  
with mildew = H.A. Allard  
(pasture west of Belts' *Microsphaera alni* (DC.) Wint. area north of Hagerell Gap  
white rocks to half way, thence to Belts.

7478 Leaves of Hack gum *Nyssa cylindrica*  
(1) with leaf spot = *Phyllosticta nyssae* Che. ditto  
Leaves much colored  
(west of Belts with # 7477)

7479 *Lespedeza virginica*  
(1) In hummocky field west of Belts ditto  
with fungus (black dots on leaves beneath)  
rust = *Uromyces lespedezae-procumbentis* (Schm.) Curt. III

7480 *Lespedeza violacea*  
(1) with black dots (fungus) beneath leaves. ditto  
In hummocky field west of Belts,  
(abundant, plant and fungus).  
= *Uromyces lespedezae-procumbentis* (Schm.) Curt. III

7481 *Solidago nemoralis*  
(1) Root under leaves (yellow) ditto  
(In hummocky pasture near # 7480: abundant  
plant and fungus).

7482 Black oak (*Quercus velutina*)  
(1) Mildew on leaves. Edge of  
woods 1 mile west of Belts ditto  
= *Phyllosticta corylea* (Pera.) Karst.

*Symphoricarpos cubicularis* Bull Run Mt., Va.  
(hidden on leaves) Fannin Co., Va.  
Oct. 8, 1939  
H.A. Allard

7483 Area north of line from White Rocks west to highway to Halfway and north to Halfway and east to Bull Run slopes.  
= *Microstaphaera diffusa* C. & P.

7484 *Lespedeza frutescens* Ditto  
" Leaf spots beneath leaves =  
In high woods edge field west of Belts.  
abundant plant & fungus.  
= *Uromyces lespedezae-procumbentis* (Schum.) Furt.

7485 *Carya glabra* (Mill.) Spach ditto  
" In high pasture west of Belts.

7486 *Corallorhiza odontorhiza* Nutt. ditto  
" Beneath an apple tree where abundant west of Belts, mile where slope falls steeply to highway to Halfway.

7487 *Polygonum scandens* L. ditto  
" Climbing, false Buckwheat  
In thickets N.W. of Belts 1 1/2 miles.

7488 *Aster lateriflorus* (L.) Britt. v. ditto  
" Near # 7487, in opening in woods; abundant in open thickets and old pastures here.

7489 Yellow-rayed form of *Solidago bicolor* found in a colony of white-ray normal plants in woods on dry slope near # 7488.  
My first record for Bull Run Mt. of this yellow form of *bicolor*.

*Solidago bicolor* L. v. Bull Run Mt., Va.  
white-rayed; very pubescent Fannin Co.  
The colony near # 7489 was Oct. 8, 1939  
H.A. Allard

7490 found. North of Hagerell Gap is north of an east-west line from White Rocks and on to Halfway, at west of Belts.

7491 *Tridactema dichotomum* L. ditto  
" In recently cultivated field north of Belts one mile; abundant here: hard bloom.

7492 *Cassia marilandica* L. v. ditto  
" In open pasture west of Belts 1/2 mile - ie north of Hagerell Gap 1 1/2 miles. Past bloom.

7493 Bark lichens Deale Hole Mt., west Va.  
" on Chestnut Oak tree west slope, near in woods well down in abandoned colored valley, CCC camp, Oct. 14, 1939  
(gray, dark) miscol. H.A. Allard.

7494 Bark lichens ditto  
" on same tree with # 7493

7495 Bark lichen on quartzites at top. South end of Short Mt., Va.  
October 15, 1939 Oct. 15, 1939  
H.A. Allard. H.A. Allard.  
(dark grey close) Shenandoah Co.

7496 *Rhytisma punctatum* (Pers.) Fr. ditto  
" Small Tan-like spots on upper surface leaves of *Acer pennsylvanicum* - (fungus)  
brown or tan spot fungus.

*Rhynchospora punctatum* (Pers.) Deile Hole Mt., West Va.  
Hardy Co., west slope  
on young  
7497 *Acer saccharum* October 14, 1939  
H.A. Allard  
11) in valley at high cliffs on knof  
fields at foot looking south from colored  
of west slope. CCC camp was abandoned  
below cliffs. at end of North Mt., Va

7498 *Cercifora hederacea* E. & M. ditto  
11) on *Nerchura americana*  
on west slope we ascended to peak,  
though bear oak thickets. (fungus)

7499 *Aster laevis* L. v. south end of Short Mt.,  
Va. Shenandoah Co.  
east of Mt. Jackson, Va  
on shales below cliffs; full Oct. 15, 1939  
below: abundant. H.A. Allard.

7500 *Lycopodium complanatum* L. fern  
13) var. *stelliforme* Tuckerm.  
made in var. *oblongifolium* Tuckerm.  
in valley below cliffs, south of  
Mardensville highway: abundant:  
shedding masses of spores.

7501 *Hepatic* ditto  
11) on bark of old log  
at high cliffs west slope  
Deile Hole Mt.,

7502 *Hepatic* ditto  
11) on bark of tree near # 7501  
(west Va.)

7503 Moss ditto  
11) (in print)  
on bark of fallen log west  
slope near # 7501

*Solidago arguta* Nutt. v. south end of Short Mt., Va  
Shenandoah Co.,  
on barren shales October 15, 1939  
7504 below cliffs. H.A. Allard  
12) large, vigorous clumps, bearing  
brown: scattered here.

7505 *Aster oblongifolius* Nutt. v. ditto  
13) on barren shales below cliffs.  
bearing brown: deep blue rays;  
large areas in nearly pure stand -  
1 1/2 - 2 ft high.

7506 *Lycopodium complanatum* L. fern  
13) var. *stelliforme* Tuckerm.  
abundant in high way from Columbia Turnpike  
near ground here Va., on roadside  
roadside Oct. 14, 1939. H.A. Allard  
need on west slope toward Mardensville, Hardy Co., West Va.

7507 *Azalea canadensis* Michx. Deile Hole Mt.,  
near # 7500 on rocky west slope  
One bush in full bloom  
Oct. 14, 1939  
H.A. Allard

7508 Small *Lycopodium* Bull Run Mt., Va  
on dead log on bark west slope in  
just below High Point woods below High  
Point, Hangman Co.  
Holes for spores at any point  
in top or side H.A. Allard  
Oct 22, 1939

7509 *Lycopodium hyssifolium* Schaff. ditto  
11) on bark of tree at base near ground  
just below High Point cliffs.

7510 *Silene* on leaves of ditto  
11) Pin Oak in Castille's high  
browed pasture.

Rock lichen  
from rocks at High Point  
cliffs.  
7511  
seal

Bull Run Mt., Va  
Fauquier Co., Va  
Oct. 22, 1939  
H.A. Allard  
on rocks, west slope.

7512 collection of  
one Rock Lichens from  
(top) High Point cliffs.  
Bull Run Mt., Va  
Oct. 29, 1939  
H.A. Allard  
High Point cliffs.  
Fauquier Co.  
west slope.

7513 Bsp rock lichens near # 7512  
||| ditto

7514 Bsp rock lichens near # 7512  
||| ditto

7515 Black spots about size of pin head  
||| on leaves of *Vaccinium atrococcum* ditto  
at foot of High Point cliffs.  
*Rhytisma vaccinii* Fr. (immature)

7516 Mildew on Black oak, scarlet and  
||| red oak leaves: with tiny black dots where  
fruiting ditto  
= *Phyllactinia corylea* (Pers.) Karst.

7517 Moss  
||| on bark of dead  
red oak log below High  
Point Cliffs (west slope)  
Bull Run Mt., Va  
Fauquier Co.  
November 12, 1939  
H.A. Allard,

Hepaticae.  
Budding - on bark of  
chestnut oak near  
7518 base, below High west slope of High Point ridge  
||| Point, south of Hotwell Gap.  
Bull Run Mt., Va  
Fauquier Co.  
November 12, 1939  
H.A. Allard

7519 *Polyporous hirsutus* (Wulf.) Fr. ditto  
||| on bark of dead red oak log  
*(Quercus muhlenbergii)* below High Point.  
Ident. by J. A. S.

7520 Bsp of bark lichens.  
||| on chestnut oak trunks  
in woods below High Point cliffs  
(west slope). ditto

7521 Rock lichens.  
||| on cliffs of short ridge west ditto  
(several) of Castell's quarry ridge.

7522 Bsp rock lichens  
||| From High Point Cliffs  
Bull Run Mt., Va  
Fauquier Co  
November 19, 1939  
H.A. Allard  
west slope below High Point  
ridge.

7523 Bark lichen  
||| on red oak tree ditto  
Near # 7522

7524 Bark lichen  
||| on red oak tree ditto  
Near # 7522

*Cladonia cristatella* f. *vestita* Tuck. Bull Run Mt., Va.  
on soil of browned edge field above Riley's  
7525 old cabin near H. G. Allard  
Hitch. pines, between west slope below High  
grass dumps. Point Cliffs.

7526 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer  
on ground with # 7525 [K] (yellow) ditto  
[P] the squamules are something like.

7527 *Cladonia onoceraea* f. *truncata* (Ther.) Wain.  
On horizontal rock on thin soil layer below High Point Cliffs ditto

7528 ~~Bark lichens~~ *Frullania eboracensis* Gottsche. ditto  
Hepatic (red) on red oak bark west slope south of Haperell Gap above Riley's south

7529 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer.  
On soil of browned edge field with # 7525 ditto

7530 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer. ditto  
On soil beside # 7525  
7530a *C. subvariosa* f. *evoluta* Wain. and  
*C. subvariosa* f. *squamulosa* Robbins.

7531 *Cladonia squamosa* (Scop.) Hoffm.  
On thin soil layer on horizontal rock below High Point. ditto  
7531a *C. cristatella* f. *vestita* Tuck.

*Cladonia* Bull Run Mt., Va.  
On horizontal rock with # 7531  
7532 and same sp. H. G. Allard  
= *C. squamosa* (Scop.) Hoffm. west slope below High Point Cliffs.

7533 Bark lichens ditto  
On red oak bark west slope south of Haperell Gap.

7534 *Cladonia delorophaea* f. *horygala* (Ther.) Wain. ditto  
On thin soil on rock shelf below High Point Cliffs.

7535 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer. ditto  
On soil in browned edge field in interspaces with # 7525

7536 *Cladonia uncialis* (L.) Reb. ditto  
On thin soil on horizontal rock shelf at High Point Cliffs. = *C. uncialis*

7537 *Polyhormus pisipes* Fr. ditto  
Sieve? On bark of dead red oak log, west slope below High Point Cliffs.  
Large: far back above in depression. Ident. by J. A. S.

7538 Moss ditto  
On horizontal rock west slope below High Point Cliffs: slight organic soil; peels off rock readily.

Mass  
shining green.  
on horizontal rock  
on thin organic soil  
7539 in competition with  
" # 7540.

Bull Run Mt., Va  
November 19, 1939  
H.A. Allard  
Fauquier Co  
west slope below  
High Point cliffs.

7540 Mass  
"1" quite yellowish green: on horizontal  
rock on thin organic soil in competition  
with # 7538 ditto

7541 Hepatic.  
"1" dark reddish brown. on horizontal ditto  
or sloping rocks on thin organic soil or  
bare rock, & easily peeled off; near # 7539  
& 7540

7542 Cladonia ditto  
"1" (remains)  
On soil near *Pinus rigida* colony in  
interspaces of old brown sedge field  
just above Riley's spring, south of  
Hafersell Gap

7543 Bull Run Mt., Va  
Fauquier Co.,  
November 26, 1939  
H.A. Allard  
"1" Boop rock lichens.  
From High Point cliffs  
and below.

7544 ditto  
one top with # 7543  
rock lichens

7545 ditto  
one top with # 7543  
rock lichens

7546  
one top  
rock lichens

7547 ditto  
one top  
rock lichens near # 7543

7548 *Fungus*  
"1" ~~fungus~~ on *Ceanothus*  
East slope below High Point cliffs: ditto  
Very rare. ~~americanus~~ in tufts

7549 ditto  
"1"  
Hepatic - on thin soil of wall around  
Riley's cabin spring, just south of  
Hafersell Gap, west slope, Fauquier Co

7550 ditto  
"1" moss at base of tree (oak) near  
# 7549

7551 Bull Run Mt., Va  
Fauquier Co  
from top of cliffs and Dec. 3, 1939  
a short ways down on H.A. Allard  
outcrops of east slope. at and around High Point  
cliffs.

7552 ditto  
"1" one top rock lichens.  
with # 7551

Bull Run Mt., Va  
Fauquier Co  
H.A. Allard  
From High Point cliffs  
and west slope.  
November 26, 1939

Top grayish white bark crustace Bull Run Mt., Va  
lichenes from chestnut oak tree Fannin Co  
Very abundant, growing Dec. 3, 1939  
7553 British patches on old H.A. Allard  
" bark - as if more color. From and near High Point Cliffs

7554 Top of deep yellow lichen in ditto  
" crevices of thick bark of old chestnut oak tree - and at 6-20 feet up only on western exposure: frequently seen on bark.

7555 Bark lichen (on *Pinus pungens* ditto  
" bark etc., on *Kalmia latifolia* bark & twigs at top of High Point Cliffs.

7556 Top gray (lead) *Parmelia* on ditto  
" *Kalmia latifolia* twigs & bark near #7556. Very abundant here.

7557 *Cladonia* + *Parmelia* (?) ditto  
" on *Pinus pungens* bark at High Point Cliffs  
7557A = *Cladonia bailloni* (Ach.) Nyl. (shortly) P  
7557B = " *chlorophylla* f. *simplex* (Hoffm.) Arn. P+.  
7557 = *Anaptichia aquila* (Ach.) Mass.

7558 *Cladonia* ditto  
" on *P. pungens* bark and twigs of *Kalmia latifolia*: near #7557  
*Anaptichia major* (Nyl.) Frick.

7559 Moss ditto  
" on large horizontal rock just east of High Point crest (where we looked before). A pure stand on thin black lichen soil; easily lifted off and easily separating.

Lignum (bany) on vertical Bull Run Mt., Va  
rocks at top exposed to west side, Fannin Co  
but deep in a thicket of *Kalmia*. Dec. 3, 1939  
a large rock, with at and near High Point Cliffs  
7560 vertical surface H.A. Allard  
" covered with this and another = #7561  
and the reddish #7562

7561 Dark red hepatic conferting ditto  
" with the yellow green *Parmelia* so common on trees & rocks =  
*Parmelia veronesii* it: on same vertical surface as #7560  
*Frullania asagrayana* Mont.

7562 Lignum conferting with ditto  
" #7560 on same rock.  
Entire surface (vertical 3 ft x 6 ft) covered with these three, all easily peeled off.  
*Jamesoniella autumnalis* (D.C.) Steph.

7563 *Nectria* (red) on galls on Bull Run Mt., Va  
" trunks of small licheny Fannin Co  
near Castello's spring south Dec. 10, 1939  
= *Nectria galligena* Bres H.A. Allard  
red slope

7564 *Endothia bluenz* Shear & Stereum ditto  
" *Endothia* (orange) on rock  
" chestnut oak at High Point Cliffs

7565 *Sedum telephium* 7565? Ident by Robert F. Martin  
" 7566 Dir. of Plant Exploration  
" 7567 and introduction  
" originally from Bull Run Mt., Va by roadside just west of Antioch, Va  
4-11-38. From in greenhouse (coal) under  
2-200 watt electric lights with reflector from Aug. 30, 1939.  
Buds 9-30; F. 11-28. Specimens collected  
Dec. 18, 1939; very bluish green; contents only  
several inches high; dormant. J. J. Caspers  
H.A. Allard  
" *Sedum* from heavy woods of east slope of E  
High Point Ridge 1 1/2 miles W. of Thoroughfare Gap.  
9-21-36 (lower flowers in yellow to red)  
to light with #7562. Buds 9-30, F. 11-28 at 25 in.  
Specimens collected Dec. 18, 1939 H.A. Allard

= *Sedum telephium* (Knight's) orig from  
Vt. To coal house (50°-55° F) Aug. 30, 1939 -

Pods 9-25-39 F. B. Nov. 7, 1939

7567 Lichen 2-200 with lights S J capsules,  
151 specimens made Dec. 18, 1939; steamed  
in can in Baronia lab.  
# 7565 - 7566 - 7567 all appear to  
be identical.

(Exploration) H. G. Allard Ident. by  
F. M. Martin 12/27/39  
Dis. of Plant Introduction Ind

7568 Fungus (brown) on dead oak twigs Bull Run Mt., Va.  
(scrap sticks) = *Lepet cinnamomeus* Fr. Tangier Co.  
At High Point Cliffs  
Feb. 11, 1940.  
H. G. Allard

7569  
one top  
rock lichens

ditto

7570  
one top  
rock lichens

ditto

7571  
one top  
rock lichens

ditto

7572  
one top  
rock lichens

ditto

7573  
bark lichens

ditto

at High Point Cliffs

Bull Run Mt. Va.  
Tangier Co.  
at High Point Cliffs  
Dec. 24, 1939  
H. G. Allard.

7574  
one top  
rock lichens.

7575 Moss on ground Bull Run Mt., Va.  
" at base of tree Tangier Co.  
on trail from Boserley Feb. 11, 1940.  
to High Point Cliffs - and H. G. Allard,  
near this point; capsules present

7576 Moss  
" on soil near # 7575.

ditto

7577 Moss  
" on soil near # 7575

ditto

7578 Lichen - bright yellow on  
" bark of Chestnut Oak near  
High Point Cliffs.

ditto

7579 Hepatic *Frullania eborensis* Gottsche  
" On bark of highway tree  
on way to High Point Cliffs - i.e.  
near # 7575

ditto

7580 *Calostoma rosea* (Berk.) Mass.  
" Bull Run Mt. Va.  
Near Boserley Mill.  
Tangier Co.  
Feb. 18, 1940  
H. G. Allard.  
On level ground in pines N. of  
Mill where sweet fern grows  
mouth crimson. ♂ shape; easily  
falls away and found on ground.

Top gray bark lichens  
on chestnut oaks at  
High Point Cliffs.

7581

||

Bull Run Mt., Va  
Fauquier Co.  
Feb. 18, 1940.  
H.A. Allard  
on rocks at High Point Cliffs

ditto

one top rock lichens -  
7582 small gray, circular  
|| at High Point Cliffs -  
very abundant. Prefers  
smooth quartz surfaces.  
Parmelia like -  $\frac{1}{2}$  - 1 in circles.

7583 Top rock lichens - small, bark,  
|| foliose - on smooth hard, smooth  
vertical quartz surfaces at High Point  
cliffs

ditto

7584 On bark of big chestnut oak trees  
|| at High Point Cliffs - gray  
Parnelias.  
very abundant

ditto

7585 Top of small gray  
|| Parmelia (?) = like # 7582  
on cliffs at High Point Cliffs.

ditto.

7586 white crustose lichen  
|| on dead twigs of mulberry  
in the writer's garden.  
appears to be the only lichen here.  
Arthopyrenia punctiformis (Schrank.) Mass.

Lyon Park Va  
Arlington Co.  
March 5, 1940  
H.A. Allard.

7587 Pinus rigida forma globosa Bull Run Mt. Va  
(several) In pasture just south of  
Hafenell Gap.  
This is the  
Type number.

Fauquier Co.  
March 10, 1940  
H.A. Allard.  
at Hafenell Gap.

Pinus echinata Mill Bull Run Mt., Va  
Fauquier Co.  
Large tree (only specimen) March 10, 1940  
in Bull Run area, just south of Hafenell Gap road.  
H.A. Allard.

7588

81  
7

7589 Nicotiana glauca Domin. March, 1940  
|| grown in bin not under light  
at Arlington, Va. Winter 1939-40  
seed obtained from near Hermannsburg,  
Central Australia as (Eulysia hopwoodii)  
(No material in National Herbarium - east)

7590 two poor specimens of N. glauca.

|| Mass Bull Run Mt., Va  
on bank in old field on  
valley road north of R.R. where  
old house & cellar hole was -  
1/2 mile N of R.R. March 24, 1940  
H.A. Allard.

7591

|| Mass  
on tree trunk - east slope of  
High Point Ridge.

ditto

7592 Top rock lichens  
|| below High Point Cliffs.  
south of Hafenell Gap


Bull Run Mt., Va  
Fauquier Co.,  
March 31, 1940  
west slope in woods  
below High Point Cliffs  
H.A. Allard.

7593 Top rock lichens  
|| below High Point Cliffs with # 7592 ditto

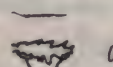
7594 Fungus on dead twig

|| near # 7592

= Daedalea confragosa (Batt.) Fr.  
det. by J. A. S.

|| Bop. Rock lichen in Bull Run Mt., Va  
woods down slope - small Tangier Co.  
gray on flat rocks etc. west slope in woods  
Local. Easily detached below High Point.  
March 31, 1940  
7595 (Pure collection) H.A. Allard  
||  *Dermatocarpon minutum* (L.) Mann., var.  
*complicatum* (Light.) Tie.

7596 Bop of one species - of rock ditto  
|| lichen - thin, wrinkled, gelatinous  
when wet. Back  
on same rock with #7595 in woods  
below High Point cliffs (pure collection)  
Local: *Collema granosum* (Schreb.) Rabh.

7597 *Cladonia* ditto  
|| cup shaped -  on rocks in  
woods near #7595

7598 *Cladonia* ditto  
|| *brunneofusca* - on rock  
near #7595

7599 Small gray rock lichen - ditto  
|| On rocks near #7595  
(like small *Parmelia*; apothecia  
present) *Physcia lithotodes* Vgl.

7600 *Cladonia* ditto  
|| on rock in woods  
near #7597.

7601 yellow granular bark lichen ditto  
|| on chestnut oak bark in  
same woods near #7597  
= *Caloplaca microphylla* (Tuck.) Hassel.

Mass Bull Run Mt., Va  
on rock, below woods, west slope  
High Point in woods below High Point  
7602 west slope cliffs. March 31, 1940  
|| near #7595 Tangier Co.  
H.A. Allard.

7603 Moss on rock ditto  
|| Near #7602

7604 Moss on bark of dead ditto  
|| oak tree on Triassic Area  
near Antish - after leaving  
highway 50

7605 A Moss on rock ditto  
|| near #7602

7605 B *Myrica asplenifolia* L. Prince William Co ditto  
just north of Berkeley Mill, Thoroughfare Gap.  
abundant on sandy soils here.

7606 *Hepatica americana* (DC.) Kew. Bull Run Mt., Va  
|| Pure white form: abundant Tangier Co.  
on Harris's road road North of Hagerell Gap  
near White Rock: full flower 2-2 1/2 miles  
intermingled with purple blue. April 7, 1940  
H.A. Allard.

7607 *Hepatica americana* (DC.) Kew. ditto  
|| (Blue-purple colored)  
with #7606.

7608 *Salix humilis* Marsh ditto  
|| ~~staminate~~ <sup>staminate</sup> and pistillate abundant in  
swampy, below Harris's quarry; full blossom  
S. tristis Ait. - S. humilis Marsh, says Dr. Bull  
only specimen - from Bull Run.

Definite. On soil  
 in pine woods west  
 slope east of Belt's  
 7609  
 (11)  
 = *Diplophyllum apiculatum* (Erasm.) Stebb.  
 Bull Run Mt., Va  
 Transylvania Co.  
 2 miles north of Hagerell Gap  
 April 7, 1940  
 H.A. Allard.

7610 *Nicotiana glauca* Duran  
 grown in bin pots in ram greenhouse  
 (3) at Arlington Farm Va, winter 1939-40.  
 seed from near Hermannsburg, Central  
 Australia as *Duboisia hopwoodii*. No  
 material in Nat. Herbarium of this. H.A. Allard 1940  
 One sheet given to National Herbarium  
 in charge Erlanson.

7611 *Trametes* on dead pine  
 branch: *P. virginiana*  
*Polyphorus abietinus* (Dick) Fr.  
 Det. by J. A. S.  
 Bull Run Mt., Va  
 Transylvania Co.  
 west slope north  
 of Hagerell Gap  
 April 21, 1940  
 H.A. Allard.

7612 *Delatimous* (brown) fungus  
 on dead lichen bark ditto  
*Tremella* s. str. on fallen *Quercus* leaves  
 7612A = *Venturia orbicula* (Wohr.) Chb. P. Pl.  
 Det. by J. A. S.

7613 Fungus on dead log ditto  
 (11) *Aspicularia* *Panus stipticus* Fr.  
 Det. by V. K. Charles

7614 Large black w/ fungus ditto  
 (11) west slope - woods below  
 High Point cliffs  
 = *Uromyces craterium* (Schw.) Fr. det. by E. K. Cash.

7615 *Geaster hygrometricus* Pers. ditto  
 (11) near # 7614  
 det. by J. A. S.

Small gray lichen -  
 black dotted on triassic  
 Border Conglomerate about  
 7616 3 miles down  
 on Broad Run on Broad Run below  
 (11) banks. Thoroughfare Prof.  
 size of quarter or smaller: very much high of  
 on banks of Broad plain. *Dermatocarpus*  
*miniatus* (L.) Marm.

7617 *Viola* (blue) = *hapilionacea* Pursh.  
 (11) on flood plain below Beverly Mill. ditto  
 full bloom; very abundant.  
 lat. petals bearded.

7618 *Viola scaberrima* Schumacher ditto  
 Full bloom; very abundant. (yellow)  
 smooth stems, leaves, capsules: glabrous  
 (No pubescence here)  
 3 miles down Broad Run.

7619 *Claytonia virginica* L. ditto  
 Full bloom: very abundant  
 3 miles down Broad Run

7620A *Cynclaxis blanda* (Raf.) D.C. ditto  
 (14) very abundant: full bloom  
 1 mile down Broad Run  
 7620B - *Juncea multiflora* (Ehrh.) Lag. near # 7619.

7621 *Barbarea vulgaris* R. Br. ditto  
 In flood plain and  
 old field 3 miles down  
 Broad Run. Just coming  
 into bloom; abundant everywhere  
 in moist ground.

7622 *Erythronium americanum* Ker ditto  
 (11) near # 7620; abundant  
 just in full bloom: yellow.

Grass *Poa cuspidata* Nutt Bull Run Mt., Va  
in woods April 28, 1940  
on high conglomerate cliffs south of Beverly Mill H.A. Allard  
7623 on Broad Run Prince William Co  
on right hand bank on Broad Run  
as stream flows below Thoroughfare Gap  
1/2 mile down; just in bloom  
Not abundant. Tint tall grass to flower  
in this area.

7624 One top rock lichens from  
conglomerate boulders (Border conglomerate)  
of Triassic 3 miles down Broad Run  
from Thoroughfare Gap.  
(several species)

7625 Moss *Grimmia* ditto  
on Border conglomerate of Triassic  
area 4 miles down Broad Run  
left bank, from Thoroughfare Gap  
(in fruit)

7626 *Senecio antennariifolius* Shale barrens of  
south end of Short Mt.,  
Massanutten Range, Va.  
east of Mt. Jackson, Va.  
May 5, 1940  
H.A. Allard.  
(11) on lower slopes. Very abundant; just  
in bloom. Tint tall grass to flower  
in this area.

7627 *Astragalus distortus* T & G ditto  
with # 7627. Very abundant; in  
full bloom everywhere: very showy  
blue-purple matts: covered with honey bees.

7628 *Phlox brittonii* Small ditto  
abundant all over shales with  
# 7627: full bloom: very showy -  
pale whitish mostly or pinkish.  
Two short purplish spots at base of each corolla lobe.

7629 *Arabis* ditto  
on shales with # 7628  
scattered: just in bloom, yellow to cliffs.  
Not on direct exposed shales here.

*Erydaria floula* (Ref.) DC Shale barrens of  
south end of Short Mt.,  
Massanutten Range,  
Va. east of Mt. Jackson.  
May 5, 1940  
H.A. Allard  
Shenandoah Co.  
7630 larger, plants very  
moist; abundant;  
(2) full bloom.

7631 *Viola* (blue) *fimbriatula* Sm ditto  
on shales toward foot -  
very trees thin: old ground mostly bare.  
abundant; full bloom.

7632 *Viola* (blue) *glabrous* ditto  
same locality with # 7631:  
here apparently cultivated - on gentle  
slopes: abundant; full bloom.

7633 *Viola* (blue) *boriviliana* Willd. imbecient ditto  
with # 7632: very abundant in  
patches here: very full of flowers, showy.  
on shale barrens. Males here often thin woods  
on lower slopes.

7634 *Viola pedata* L. (large white form) ditto  
in life. near # 7632.  
a pure white form: near # 7632.  
only one clump; both color forms abundant here.  
No competition - mostly bare compressed  
shales. changes to bluish. All the petals  
in drying - prob. var. *linearilobata* C.

7635 *Silene pennsylvanicus* Michx. ditto  
on shale in woods near  
cliffs at top of Short Mt.  
Full bloom.

7636 *Amelanchier canadensis* ditto  
at very top of cliffs: full bloom here  
(Buds of *Quercus prinus* scarcely started.

*Potentilla fruticosa* L. on shale barrens etc  
abundant: full bloom  
7637 on shales below: May 5, 1940 Shenandoah Co.  
H.A. Allard.  
South end of Short Mt., Va  
Massanutten Range.

7638 *Muscari racemosum* L. Great Valley just  
Harris entrance to  
Porells Ford Valley,  
Massanutten Mt., Va  
May 6, 1940  
H.A. Allard.  
covered roadsides  
here: full bloom  
Some bulbs are rich  
through. Very fragrant.

7639 *Lithospermum canescens* (Michx.) Schum.  
In woods just east of large *Cetraria*  
colonies on slope above car. One clump of  
many stems: first I have ever seen, very shrubby  
deep orange.

7640 *Viola papilionacea* Pursh. Allard's Garden  
Arlington, Va  
In moist soil of backyard. Arlington Co  
Very abundant, full bloom. May 9, 1940.  
H.A. Allard.

7641 *Ranunculus abortivus* L.  
In back yard and garden.  
Collected showing variations in sinus, shape  
of basal leaves according to terminal varietal  
concepts.

7642 *Arabis thaliana* L. Britton  
Bull Run Mt., Va  
Fauquier Co  
May 12, 1940  
H.A. Allard.  
around old cabin south of  
Hafersell Gap and west of  
Hafersell-Broad Run Highway.  
Full bloom.

7643 *Carex antitexta* 7643  
In dry woods at top of ridge  
near Castell's flagstone quarries - i.e.  
at top of Houghed field. abundant here. e

*Surplus planifolius* Muhl Bull Run Mt., Va  
Fauquier Co  
May 12, 1940  
South of Hafersell Gap  
west slope.

7644  
This just below cliffs west  
of Castell's quarries at top of slope. e

7645 *Silphium laciniatum* Marsh ditto  
In high broomedge field  
south of Hafersell Gap beyond  
Riley's old cabin: abundant here. e

7646 *Viola rafinesquii* Greene ditto  
around old cabin with # 7642.  
abundant: mid bloom. e

7647 *Veronica aurea* L. here. ditto  
with # 7642: abundant: just in bloom. e

7648 *Galium aparine* L. ditto  
abundant with # 7642 at  
cabin: not quite in bloom, but  
full bloom in my garden. will be in  
full bloom here in a week. e

7649 *Stellaria media* L. Arnell ditto  
with # 7648: abundant here, and  
in similar situations: full bloom. e

7650 *Urtica perfoliata* L. ditto  
In white oak grove south of Hafersell,  
and west of cabin above. Note long  
underground stems.  
No 1 - one stem 15.5 inches long; one 10.5 inches long  
No 2 - two stems - one 7.5 " " " " " "  
No 3 - one stem 9 inches long, No 4 - one stem 12 inches " " "

*Oxalis violacea* L  
In white oak grove  
nest of old cabin  
7651 near # 7642 near  
" abundant; full bloom.  
Bull Run Mt., Va.  
Fauquier Co.  
May 12, 1940  
H.A. Allard

7652 *Carallorhiza nictitans* Conrad  
(2) In same white oak grove with  
# 7651. full bloom. scattered here.  
ditto

7653 *Barbarea verna* (Mill.) Asch.  
" around old cabin with 7642.  
Full bloom.  
ditto

7654 *Prunus americana* Marsh.  
(2) In old field just east of  
old cabin where # 7642 grew, and  
near Broad Run - H. of Ferry - Broad Run  
highway: full bloom; thickets.  
ditto

7655 *Ranunculus abortivus* L  
(13) around old cabin with # 7642 ditto  
to show various degrees of discoloration of  
of basal leaves; same colony.

7656 *Puccinia violae*  
(1) (Schum.) DC  
on *Viola pubescens*.  
by Shenandoah where  
cabins are built.  
Massanutten Mt., Va.  
Shenandoah Co.,  
Near Bayers farm  
at east end of Pugh's  
Run. May 11, 1940  
H.A. Allard

7657 *Taphrina polystichii* Misp.  
" on *Polystichum acrostichoides*  
near # 7656  
ditto

7658

Massanutten Mt., Va.  
Shenandoah Co.,  
May 19, 1940  
H.A. Allard  
East of Goodstop, at  
end of Pugh's Run  
along Shenandoah  
at or shale barrens  
and Bayers farm

7659 *Lepidium campestre* (L.) R. Br.  
(3) on railroad track  
at Beresley Mill,  
Thoroughfare Gap; abundant; full bloom.  
Bull Run Mt., Va.  
Fauquier Co.  
May 19, 1940  
H.A. Allard

7660 along railroad  
(3) near # 7659  
abundant; full bloom.  
= *Lithospermum arvense* L.  
ditto

7661 *Ranunculus repens* L. near Linden  
(2) In wet meadow  
on right on route 55  
going to Iron/royal.  
Shrubby patches here, in full bloom.  
Warren Co., Va.  
May 19, 1940  
H.A. Allard

7662 *Ranunculus micranthus* Wntb.  
(6) In thin dry woods below steep  
shale slopes: full bloom; in round  
pore etc.

7663 Very narrow green linear-leaved  
*Arabis laevis* var *Burkii* Porter  
(2) on moist, steep shale barrens east  
of Bayers house near # 7662.  
Petals scarcely longer than calyx.  
Not abundant; perhaps only an ecological  
form of *A. laevis*.

7664 *Arabis laevis* (Muhl.) Poir.  
(3) In zone of deeper, moister soil  
at foot of steepest, moist shale slope,  
Poke weed also abundant here.

*Senecio antennariifolius* Massanutten Mt., Va  
on steep shale barrens <sup>Shenandoah Co</sup>  
slopes east of Boyer's house, full bloom.  
May 19, 1940  
H.A. Allard  
7665 (1) No *Astragalus* or *Trifolium virginicum*  
here.

7666 *Senecio choratus* Muhl. ditto  
(13) Near # 7665; on dried  
39 in slopes in thin open woods of  
S. 7. 1940 pine, oak etc; large patches in  
5-23 full bloom.

7667 *Carex pennsylvanica* Lam. ditto  
(2) with # 7665; in thin woods  
on lower slopes, where woods begin  
after steeper zone of barrens; abundant.

7668 *Pentstemon canescens* Britton ditto  
(2) In thin tree zone at foot of  
steepest shale slopes, but growing all  
over the slopes - even the steepest and  
most barren; full bloom.

7669 *Graminea* ditto  
(1) on steepest shale slopes  
above # 7667.

7670 *Veronica anensis* L. ditto  
(1) In thin, dry, open woods at  
foot of steep slopes, with # 7662  
abundant.

7671 *Carex lasiocarpa* Lam. ditto  
(1) (unsp. leaved)  
In deciduous woods at top of  
shale barrens proper east of Boyer's house;  
abundant.

*Barbarea verna* (Mill.) Asche, Massanutten Mt., Va  
on shale soils in wet ground Shenandoah Co  
on wood road in woods May 19, 1940  
7672 on way to Boyer's house, H.A. Allard,  
(2) abundant; full bloom.

7673 *Barbarea vulgaris* R. Br. ditto  
(2) Near # 7672 - in  
(2) opening in woods;  
full bloom.

7674 *Osmorhiza longistylis* var. *villacaulis* Ternald ditto  
(1) In moist, shaded, rich soil in  
woods on way to Boyer's house;  
abundant here; full bloom.

7675 *Ranunculus abortivus* L. ditto  
(3) In open, damp ground near  
# 7673.

7676 *Pentstemon canescens* Britton ditto  
(3) In opening in woods on rich  
shale soils - il with # 7673  
abundant here, and on dried shales.

7677 *Ranunculus recurvatus* Poir. ditto  
(2) In rich woods on wood road  
leading along Shenandoah River  
to Boyer's house; abundant.  
Wet on shale barrens proper.

7678 *Phacelia dubia* (L.) Small. ditto  
(8) In thin open woods on banks by  
road leading to Boyer's place; on shale  
soils; abundant; full bloom; bluish  
white corolla.

Canva (L. flowers). on steep shale slope  
 heavily wooded, moist, rich near river  
 (Shenandoah)  
 7679 (6) on road road  
 to Boyer's home.  
 Massanutten Mt.  
 Shenandoah Co., Va.  
 May 19, 1940  
 H.A. Allard  
 East of Woodstock, Dend  
 of Pugh's Run

7680 Papaver rhoeas L  
 (3) in old field on Pugh's Run  
 road off U.S. 11, north of Woodstock,  
 ad 3 miles east on this road,  
 scattered; full bloom. ditto

7681 Carex platyphylla Carey.  
 (1) on shale soil on road road  
 to Boyer's near \* 7679  
 woods etc. ditto

7682 Viola triloba Schrein  
 (1) Near \* 7681  
 abundant in rich, moist woods here. ditto

7683 Carex pleurostachya Denny  
 (5) along walk near barn. Arlington  
 abundant here; has  
 persisted for years.  
 (all from one clump.)  
 Arlington Co., Va.  
 May 26, 1940  
 H.A. Allard

7684 Carex  
 (1) fanceii Schrein ditto  
 Two clumps near hybrid oak near  
 henyard fence, all from one clump.

7685 Brassicaceae  
 (6) (1) ~~resagiana~~ ~~herbarium~~ ditto  
 (bl. yellow: one plant only)  
 Radicula palustris (L.) Moench  
 at Arlington Farm,  
 Arlington Co., Va.  
 May 27, 1940  
 H.A. Allard

Plantago virginica L Bull Run Mt., Va  
 May 30, 1940  
 In old worn sedge field  
 near bare soil areas  
 7686 lacking P<sub>2</sub>O<sub>5</sub>  
 (1) Common in pastures here.

7687 Convolvulus spithameus L ditto  
 (2) very abundant on bare soil  
 areas lacking P<sub>2</sub>O<sub>5</sub>; practically  
 none stand in places; full bloom; 6-10 in. tall.

7688 Panicum depauperatum Muhl.  
 (1) just outside bare soil areas in  
 surrounding thin woods edge ditto

7689 = Festuca obtusa Spring  
 (3) Manual  
 In deciduous woods before  
 High Point Ridge; abundant  
 just coming into bloom. scattered clumps ditto

7690 Galium aparine L.  
 (1) In low-lying grass near old ~~house~~ <sup>trick</sup> and  
 wood house in woods west slope below  
 High Point cliffs; very abundant. ditto

7691 Geranium carolinianum L ditto  
 (1) abundant with \* 7690; full bloom  
 var. confertiflorum Torr.

7692 Bromus jeporicus Thurb.  
 (3) with \* 7690; abundant here, ditto

*Viburnum dentatum* L. Allard's garden,  
Arlington, Va.  
Full bloom: an early  
7693 blooming form here, May 31, 1940 e  
much earlier than  
H.A. Allard,  
141 \*

7694 *Sanicula oregana* Bicknell ditto  
157 very abundant in waste ground in  
back yard along ditch; fl. greenish yellow.  
e

7695 *Osmorhiza longistylis* (Torr.) DC ditto  
13/ var. *brachystylis* Blake  
*fillicaulis* Kernald  
Large colonies in my garden showing June 3, 1940  
all degrees of hairiness to the near e  
glabrous form # 7696

7696 Typical *Osmorhiza longistylis* (Torr.) DC ditto  
12/ var. *brachystylis* Blake  
This freely intermingled with # 7695 a hairy form, with  
intermediates, in same colony. e

7697 *Poa trivialis* L.  
11/ mammal  
wet soil at 1st gate  
below Castello's. In  
roadside ditch. Bull Run Mt. Va  
Tangier Co  
west slope from  
Hafersell Gap D e  
High Point cliffs  
June 9, 1940  
H.A. Allard.

7698 Blake says *E. strigosus* (Walt.) B.S.P. ditto  
= *Erigeron strigosus* (Walt.) B.S.P.  
in old field near bird warden's home  
on Triassic near Antioch: abundant: full bloom  
Prince William Co

7699 *Pentstemon wellidii* Small  
with # 7698: abundant in this  
old field: full bloom: fl. pale  
ridge. ditto  
Prince William Co

*Senecio smallii* Britton Bull Run Mt. Va  
Tangier Co Prince  
in old field near west slope south  
# 7698 near: of Hafersell Gap.  
7700 full bloom: abundant June 9, 1940  
(6) H.A. Allard. Co  
Prince William county e

7701 *Oenothera fruticosa* var. *verd.* Hook ditto  
13/ with # 7698: full bloom: abundant.  
Prince William Co e

7702 *Panicum depauperatum* Muhl. ditto  
11/ with # 7698: abundant  
Prince William Co e

7703 *Zanthoxyla spicata* (L.) Beauv. ditto  
11/ with # 7698: abundant  
Prince William Co e

7704 *Panicum depauperatum* Muhl. ditto  
11/ with # 7698  
Prince William Co e

7705 *Carex grisea* Wahl. ditto  
11/ with # 7698  
Prince William Co

7706 *Panicum depauperatum* Muhl. ditto  
11/ with # 7698  
Prince William Co e

*Panicum defanfratum* Michx.  
In same old field  
7707 with # 7698  
Bull Run Mt., Va  
Fauquier Co.  
June 9, 1940  
H.A. Allard.

7708 *Dactyloctenium aegyptium* L.  
(2) By roadside at Castello's  
where new park at Hopewell Gap  
abundant.  
ditto  
e

7709 *Santhouia spicata* (L.) Beauv.  
" with 7698  
Prince William Co.  
ditto  
e

7710 *Houstonia missouriensis* L.  
" with # 7698: abundant in  
old fields more especially.  
Prince William Co.  
ditto  
e

7711 Cyperaceae. *Eleocharis tenuis* (Willd.) Schultze  
" In damp spot near # 7698  
Prince William Co.  
ditto  
e

7712 Gramineae  
(2) In old field with # 7698  
= *Sphenopholis obtusata* (Michx.) Scribn.  
ditto  
e

7713 *Comandra umbellata* (L.) Nutt.  
" on rocky ridge just south of  
Hopewell Gap and Castello's quarry.  
ditto  
e

*Carex glaucoidea* Tuckerm., Bull Run Mt., Va  
In old pasture near  
route # 55 on road to  
7714 Antioch.  
Fauquier Co.  
High Point cliffs  
June 9, 1940  
H.A. Allard  
(9) abundant; all  
from same clump.  
On Triassic area  
Prince William Co.

7715 *Carex glaucoidea* Tuckerm.,  
(4) with # 7714 (same field  
(all of one clump.)  
ditto

7716 *Carex pusillifolia* Mack.  
(4) Near # 7714 (all of one clump.)  
Prince William Co.  
ditto

7717 *Carex willdenowii* Schk.  
(3) with # 7714  
Prince William Co.:  
(all of one clump.)  
ditto

7718 *Carex willdenowii* Schk.  
(5) with # 7714  
Prince William Co.  
ditto

7719 *Carex glaucoidea* Tuckerm.  
(5) with # 7714  
Prince William Co.  
(all of one clump.)  
ditto

7720 *Carex hirsutella* Mack.  
" Near # 7714  
Prince William Co.  
ditto

*Carex hirsutella* Mack Bull Run mt., Va  
with 7714 June 9, 1940  
7721 Prince William Co.  
(41) H.A. Allard.

7722 *Oxalis stricta* L.  
(21) In same pasture with # 7714 ditto  
abundant; full bloom.

7723 *Graminae* - *Poa trivialis*  
(11) In wet overblow from Castello's ditto  
quarry spring at Dufferell Gap. Tangier Co.

7724 *Poa pratensis* L.  
(11) on banks near # 7723 ditto  
abundant.

7725 *Lepidium virginicum* L.  
(11) abundant in rocky road way ditto  
to Castello's spring quarry; full bloom.

7726 *Carex lasioflora* Lam.  
(11) on High Point cliffs ditto

7727 *Anagraceae*  
(11) On rocky ridge north of ditto  
High Point: just in flower  
- *Helianthemum canadense* L. Michx.

*Asplenium ~~montanum~~ <sup>hirsutifidum</sup>* Willd Bull Run mt. Va  
In crevice on cliffs Tangier Co.  
near High Point cliffs. June 9, 1940  
7728 my first specimen H.A. Allard  
(11) in Bull Run area; rare here.

7729 Grape vine leaf (wild)  
(11) with pinkish very hairy galls. ditto  
In woods below High Point cliffs  
nest slope. = *Vitis agrestis* Michx.  
a gall may be an *Asterid*. *Cecidomyia* sp. grape leaf gall.  
See E.P. Felt. Key Wm. insect galls. State Mus. Bull. no 200: 1917.  
7730 *Panicum huachucae* Ashe ditto  
(11) In woods nest slope below  
High Point cliffs. var. *fasciculatum* (Torrey) H. & C.

7731 *Graminae* - *Festuca obtusa* Spreng. ditto  
(11) near # 7730.

7732 *Panicum depauperatum* Muhl. ditto  
(11) with # 7730.

7733 *Carex cephalophora* Muhl. ditto  
(11) near # 7730.

7734 *Sisyrinchium angustifolium* Mill. ditto  
(11) In thin woods at foot  
of slope below High Point cliffs,  
nest slope.

*Carex hirsutella* Mayk.  
In woods west  
slope below High  
Point cliffs.

Bull Run Mt., Va  
Fauquier Co  
June 9, 1940  
H.A. Allard.

7735 *Panicum defanferatum* Muhl.

(1) Near # 7735

ditto

e

7736 *Botrychium virginianum* (L.) Sw. ditto  
(1) near # 7735 in rich woods; very  
abundant; fruiting.

7737 *Panicum defanferatum* Muhl.  
(1) In old brown sedge field near  
bare areas where plots were laid out  
west slope below High Point Cliffs. ditto

ditto

e

7738 *Senecio smallii* Britton  
(1) In open pine woods and  
new growth in old fields above.  
P.D. plots on west slope below High Point  
ridge ditto

ditto

e

7739 *Graminae = Festuca obtusa* Spreng  
(2) In woods below High Point Cliffs  
west slope. ditto

ditto

e

7740 *Graminae = Poa compressa* L.  
(1) In Castella's old pasture along  
old road leading toward where  
Pileya lived; occasional.

*Danthonia spicata* (L.) Beauv. Bull Run Mt., Va  
Fauquier Co  
In high brown sedge field. June 9, 1940  
7741 field, where west slope, south  
(2) intermingled with of Haperell Gap  
*Andropogon scoparius*. H.A. Allard. ditto

7742 *Graminae*  
(3) where no park at Castellia's,  
growing along roadsides and in  
old fields here; very abundant.  
= *Festuca elatior* L. ditto

e

7743 *Houstonia purpurea* L.  
(1) a constituent of high brown sedge  
field beyond Castellia's, Haperell Gap,  
where found in the interstices.  
Does better in old abandoned fields. ditto

7744 *Graminae = Poa compressa* L.  
(1) with # 7744, where an occasional  
constituent. ditto

e

7745 *Crataegus crus galli* L.  
(1) In high brown sedge field  
beyond Castellia's with # 7744. ditto

e

7746 *Graminae = Danthonia spicata* (L.) Beauv.  
(2) In high brown sedge  
field beyond Castellia's, where  
an occasional constituent with  
# 7744. ditto

e

7747 *Senecio smallii* Britton  
(2) Occasional in some brown sedge  
field with # 7744, in more open  
interstices. Prefers more open pastures. ditto

e

*Zanthoxylum* spicatum (L.) DC. Bull Run Mt., Va  
In high woods edge of Tanquer Co.,  
7749 field beyond Castell's June 9, 1940  
(1) where found in  
interspaces along  
openings, roadways etc; a regular  
constituent.

7750 *Panicum linearifolium* Scribn. ditto  
(1) with # 7749, in interspaces  
etc.

7751 *Carex hirsutella* Michx. ditto  
(1) with # 7749; a common  
constituent here in Castell's  
high woods edge field.

7752 *Oxalis stricta* L. ditto  
(1) with # 7751; a constituent  
in the interspaces here.

7753 *Panicum defanpratense* Michx. ditto  
(1) In same field with # 7751;  
a scattered constituent.

7754 *Muhlenbergia latifolia* L. ditto  
(4) on High Point cliffs: full bloom

7755 *Asclepias variegata* L. ditto  
(3) white blossoms.  
On Triassic area on road to  
Antioch, from and near # 55.  
In old field. One clump uncommon.

*Cerastium*  
waste ground at dark houses  
7756  
(1)  
Arlington, Va  
June 11, 1940  
H. A. Allard

7757 *Carex tribuloides* Michx. Massanutten Mt., Va  
(8) In red soil high  
of mountain on road  
from point where we parked  
at end of Pugh's Run near  
Mr. Burner's all of one dump  
On shale slope in woods (on road road)  
6-16-40  
H. A. Allard  
at end of Pugh's Run near  
Mr. Burner's all of one dump  
On shale slope in woods (on road road)

7758 *Commelina erecta* L. ditto  
On "shale barren" prairie with  
*Clitoria mariana* etc; abundant  
here (not in bloom). True barren

7759 *Morus rubra* L. ditto  
(3) on shale slope in pasture  
near Mr. Burner's on road  
had his barns; fruit ripe: more  
sour than mine (M. alba)

7760 *Verbascum phloxoides* L. ditto  
(2) On Pugh's Run near U.S. 11, on  
limestones; full bloom; abundant;  
more showy than *Thapsus*; a deeper yellow

7761 *Stylosanthes riparia* Kearney ditto  
(1) on shales in barren thin pine etc  
pasture of road road from car; abundant  
full bloom.

7762 *Lespedeza violacea* (L.) Pers. ditto  
(2) with # 7761; abundant in  
dry pasture (shale) here.

*Hieracium venosum* L. Massanutten Mt., Va.  
High up on wooded shale slope Shenandoah Co.  
in wood road; abundant, 6-16-40  
H.A. Allard  
7763 on shale at end of Pugh's  
Run road north of Woodstock,  
on road leading up slope  
from car,

7764 *Rosa humilis* Marsh ditto  
" Near # 7763; abundant; full bloom  
on shale slope, wooded or otherwise,

7765 *Erigeron annuus* (L.) Pers. ditto  
" wood road near # 7763;  
and old fields; abundant weed.

7766 *Erigeron ramosus* (Walt.) B.S.P. ditto  
" Near # 7765; abundant in old  
fields etc.

7767 *Rumex elongatus* Guss. ditto  
" with # 7765

7768 *Sanicula trifoliata* Bicknell ditto  
" Near # 7767; abundant.

7769 *Juncus* ditto  
" Near # 7767.

*Deschampsia flexuosa* (L.) Trin. Massanutten Mt., Va.  
In dry soil above shale barrens. 6-16-40  
H.A. Allard  
7770 on shale slopes at end of  
Pugh's Run north of  
Woodstock, Va.

7771 *Danthonia compressa* Auct. ditto  
" on shale along wood road  
in pasture; abundant.

7772 *Carex* in net shot ditto  
" below old house high up  
mountain - bee cutter head  
snake was found drowned  
(one plant only) = *Carex shortiana* Denehy

7773 *Carex cephalotheca* Muhl. ditto  
" (6) from one clump  
in net shot in woods with  
# 7757

7774 *Panicum* ditto  
" Near # 772 in wood road

7775 *Antennaria neodioica* Greene ditto  
" on steep shale barrens prefer-  
abundant here

7776 *Houstonia longifolia* Gaertn. ditto  
" on shale barrens prefer etc:  
abundant.

*Trifolium procumbens* L. Massanutten Mt., Va.  
Shenandoah Co.  
very abundant in  
6-16-40  
H.A. Allard  
7777 old pastures in old pasture on shale  
at end of Pughs Run road  
with of woodstock.  
" etc.

7778 *Potentilla recta* L.  
(2) In same pasture with #7777 ditto  
very abundant here; full bloom;  
not in woods; wants open.

7779 *Vaccinium vacillans* Kalen  
" On shale barrens proper; plants  
with beautiful matings of mosses or  
premiering. ditto

7780 *Celtis occidentalis* L.  
" On barrens proper; in fruit. ditto  
scattered here

7781 *Opuntia vulgaris* L.  
3 with #7778 ditto  
very abundant: just coming into bloom  
coiled then, when dried then, but the  
older joints dried very slowly.

7782 *Nymphaea advena* Bull Run Mt., Va.  
Leaves bloating and  
erect. 6-15-40  
Fauquier Co.  
In Broad Run above  
mouth of Thoroughfare Gap  
several colonies: full bloom.

7783 *Morus alba* L.  
(1) Juvenile, peculiarly - H.A. Allard's garden  
lobed leaves of 3000-7th St., N., Arlington,  
true and downy in Va., Arlington Co.  
spring 5 in. in dia. June 21, 1940  
and these on new shoots. H.A. Allard  
Never this type on old shoots.

*Morus alba* L. H.A. Allard's garden  
normal leaves of 3000-7th St., North,  
large older trees. Arlington, Va., Arlington  
7784 Compare with Co., June 21, 1940  
(3) #7783 H.A. Allard. e

7785 *Geranium carolinianum* Arlington Farm,  
" In Dr. Clayton's old Virginia  
tobacco seed beds. Arlington Co.,  
June 26, 1940  
var. confertiflorum Fern. e H.A. Allard.

7786 *Stellaria graminea* L.  
" On lawn around above ditto  
tobacco beds; full bloom.

7787 *Valerisoga* <sup>*iliata* (Raf.) Blake</sup> *horriflora*  
(3) var. *insipida* ditto  
Between tracks at dark houses  
(abundant; full bloom).

7788 *Saururus ciliatus* L. Bull Run Mt., Va.  
" In left in cliffs at Fauquier Co.  
High Point cliffs. June 30, 1940  
H.A. Allard. e

7789 *Panicum clandestinum* L.  
" In woods along cartroad ditto  
S.W. of Riley's old cabin, on  
ascent to High Point trail. e

7790 *Panicum targetarum* Nash. ditto  
" On High Point cliffs in  
dry soil. e

*Juncus* near S.F. May, Bull Run Mt., Va  
On High Point Cliffs, Fauquier Co  
7791 June 30, 1940  
(1) H.A. Allard.

7792 *Panicum basai* Poir ditto  
(2) In woods west slope below  
High Point Cliffs.

7793 Graminae - *Festuca stusa* Spreng ditto  
(1) In woods near brook  
below High Point (west slope)

7794 *Agrostis* *Poa polystris* L. ditto  
(2) In shade of thin locust woods  
around old farm at foot of High Point  
Cliffs where old manison stands.

7795 *Galium circaeans* Michx. ditto  
(2) In rich woods below High Point  
cliffs, west slope; abundant; leaves  
in 4's.  
var. *hypomalacum* Thunb.

7796 *Panicum lindheimeri* Scribn ditto  
(1) On bank beside road on  
Broad Run - Hagerell highway.

7797 *Panicum* *Festuca stusa* Spreng ditto  
(1) In old pasture near plots  
laid out on chemical barrens,  
south of Hagerell Gap and east of  
Hagerell - Broad Run highway.

~~#5 *Stenonema aliatum* (L.) Raf.~~  
In low moist ground Bull Run Mt., Va  
in locust grove near Fauquier Co  
7798 farm, near 7794 June 30, 1940  
(5) abundant; long rhizomes H.A. Allard.

now produced 6-8 inches long.  
Plant #1 - 3 rhizomes - 5 1/2 in 8 in 7 3/4 in  
" #2 - 3 " 4 1/2 in 5 1/2 " 5 1/2 " 6 in  
" #3 - 1 " 4 1/2 in branched 2 1/2 in  
" #4 - 2 " 6 and 6 1/2 in 1 1/2 in

7799 #5 2 rhizomes - 3 and 3 1/2 in long  
= *Typimachia aliata* L.

*Danthonia spicata* (L.) Beauv.  
In pasture near Riley's cabin. ditto

7800 *Scutellaria ovalifolia* Pers. Epl. v ditto  
(1) In thicket near <sup>sub. st. mollis</sup> Castello's  
quarry spring. Also in woods  
of west slope below High Point Cliffs.

7801 *Phleum pratense* L ditto  
(3) In old pasture near cabin  
where Riley's lived and  
woman died.

7802 *Rumex crispus* L. ditto  
(2) At Castello's quarry spring.  
in waste ground, abundant.

7803 *Euphorbia corollata* L. ditto  
(7) Very early and small blushed  
on barren soil areas where plots  
were laid out; covers these areas.  
Is this a normal form?

7804 *Rosa setigera* Michx. ditto  
(3) Beside road from Hagerell to Broad Run  
Station in thicket; an escape or survival  
from some long since gone cabin; very  
thorny; in full bloom; resembles American  
Pillar; my only record in Bull Run area.

*Hydrangea arborescens* L. Bull Run Mt., Va  
Fauquier Co  
June 30, 1940  
H.A. Allard  
In rocky woods  
below High Point  
cliffs; abundant.  
(2) ridge full bloom.  
On slope S.W. from  
Riley's cabin, by old road marked  
by P.A.T.C. line. e

7806 *Tephrosia virginiana* (L.) Pers. v ditto  
(2) on rock shelf at top of High Point  
cliffs; passing bloom.  
Not common in Bull Run area. e

7807 ~~*Aspidium*~~ *shimulosa* (Müll.) Walt. v ditto  
(2) In deep niches on High Point  
cliffs. e

7808 *Athyrium asplenoides* (Michx.) Desv. ditto  
(1) Lady fern.  
In rocky moist woods just below  
High Point cliffs, west slope. e

7809 *Saxifraga canadensis* (L.) Kuntze. v ditto  
(2) In moist shaded woods  
near brook below High Point cliffs,  
west slope; not abundant. e

7810 ~~*Geum virginianum*~~ *canadense* var. L. ditto  
(1) In locust woods around  
old house, half stone, half wood  
west slope below High Point cliffs.  
abundant; just in flower, fl. white. e

7811 *Rosa rugosa* L. ditto  
(1) In old woods edge pasture  
near barren area where photo  
was planted to compare with; common. e

*Rumex obtusifolius* L. Bull Run Mt., Va  
Fauquier Co  
June 30, 1940  
H.A. Allard  
Roadside banks  
near barren plots: west slope below  
High Point cliffs etc. e  
7812 abundant.  
(2)

7813 *Sanicula canadensis* L. ditto  
(2) In locust woods near 7810;  
abundant. e

7814 *Lonicera japonica* Thunb. ditto  
(3) In woods edge pasture near  
barren areas: leaves rather  
smooth or glabrous; more than  
with some forms. e

7815 *Apocynum cannabinum* L. ditto  
(2) In high woods edge pasture  
(Castella's) where quadrats made.  
abundant; full bloom. e

7816 *Rudbeckia hirta* L. v ditto  
(1) In Castella's old field just  
west of spring and quarry; abundant,  
full bloom; scattered in high  
woods edge field. e

7817 *Ulmus americana* (L.) L. ditto  
(2) Leaves covered with coars comb  
like dull red aphid galls, very large  
trees thus affected, and therefore very  
striking (Wall = *Colophila ulmicola* Trich.) e

7818 *Scutellaria ovalifolia* Pers. v ditto  
(1) In edge of thicket near  
Castella's quarry and spring; full bloom. e

*Oxalis europaea* f. *aymonea* (Griff.) Bull Run Mt., Va  
In old field June 30, 1940.  
7819 near cabin near Hopewell Gap  
(2) Riley woman Tanguer Co., e  
died in. west slope, near  
and below High Point cliffs.

7820 *Geranium carolinianum* L ditto  
" At Riley's old cabin near  
high brownedge field south of  
Hopewell Gap. e  
var. *confertiflorum* Fern.

7821 *Asclepias syriaca* L ditto  
(2) From a large rank colony  
in waste ground around Riley's cabin.  
Full bloom. e

7822 *Hardenia jubatum* L ditto  
(4) at Lynn Mass., on beach  
somewhat inland: very abundant.  
soft, mobile, delicate masses of silvery  
greenish color; near Howard Johnson Inn.

7823 *Lobelia* ditto  
(2) (pinkish fl.) ditto  
at Matapeake Ferry, Kent Island, Md.  
In waste ground here. Long stolons der-  
on plants 1, two, one being 14 1/2 in; one 9 in long  
" " #2 " , one " 18 " ; " 2 " "

7824 *Saponaria officinalis* L Bull Run Mt., Va  
(2) around Costello's quarry Tanguer Co.  
spring, near Hopewell Gap; July 14, 1940 e  
full bloom H.A. Allard.

7825 *Hypericum punctatum* Lam. ditto  
(3) full bloom. In high brownedge  
field in interspaces; scattered  
south of Hopewell Gap. e

*Linum medium* (Planch.) Britt Bull Run Mt., Va  
Tanguer Co.  
In interspaces in Costello's July 14, 1940  
7826 High brownedge field. H.A. Allard  
scattered; full bloom. fl. yellow. e  
" *Linum medium* (Planch.) Treb  
var. *tepanum* (Planch.) Horn L

7827 *Cirsium pumilum* (Walt.) Steud ditto  
(2) In old brownedge pasture  
near barren areas south of Hopewell Gap.  
Abundant; full bloom here.  
None in high brownedge field. e

7828 *Rudbeckia hirta* L. ditto  
(3) In high brownedge field in  
interspaces; scattered; full bloom. e

7829 *Hypericum densiflorum* L ditto  
" In old field in valley east of  
High Point ridge; full bloom; on  
valley road. Occasional in  
Bull Run area. e

7830 *Carex lasiocarpa* Lam. ditto  
" Growing in fork of an old  
tree in accumulated vegetable detritus  
west slope below High Point cliffs in  
woods.

7831 *Clethra mariana* L. v ditto  
(2) In thicket along trail at top of High Point  
cliffs; full bloom; all along trail at  
High Point. Flowers large bluish lilac,  
very beautiful. e

7832 *Corylus americana* Walt ditto  
(4) At Costello's quarry spring  
in damp soil near brook here: abundant  
here and very beautiful.

*Pycnanthemum flexuosum* (Walt.) J. S. P. Bull Run Mt., Va  
 In old field (in corn 2 years ago) just east of <sup>Franklin Co</sup> ~~Franklin Co~~ <sup>Franklin Co</sup>  
 7833 *Castilleja* sp. near slope. H.A. Allard.  
 (5) it where great quantities of half high  
 blackberries, - to west of valley road near  
 Hotwell Gap. Abundant: full flower. e

7834 *Apoanymus carolinianus* (Mittell) A. D. C. ditto.  
 (2) In old field near stone wall spring  
 at old cabins in valley east of High Point. Co  
 This far up the valley road. e  
 abundant: full bloom.

7835 *Nepeta cataracta* L. ✓  
 (1) Ground old cabins abandoned since  
 where 7834 green: full bloom: abundant. ditto

7836 *Cruciferae*: *Brassica hederifolia* (DC.) Wheeler  
 (1) with # 7835 var. *hinnatifida* (Stokes) Wheeler.  
 = *Sinapis arvensis* L. of Brit. & Prov. of Gray.  
*Brassica arvensis* L. (Benth. of Gray). e

7837 *Antennaria cotula* L. ✓  
 (3) In same waste pond with  
 # 7835: full bloom. ditto

7838 *Corephirsutella* Michx.  
 (2) In old spring field at wall in spring ditto  
 with # 7834. ditto.

7839 *Lechea leggettii* var. *moniliformis* (Picken.) Hodgkin  
 (1) In dry, abandoned field going ditto ditto  
 with # 7834: abundant. e

*Hypericum punctatum* Lam., Bull Run Mt., Va  
 In old field near <sup>Franklin Co.</sup> ~~Franklin Co.~~  
 7840 walled in spring July 14, 1940  
 (2) beside # 7834, H.A. Allard  
 Prince William Co. e

7841 *Linum medium* (Pursh) Britton ditto  
 (5) In dry field with  
 # 7834, *L. medium* (Pursh) Fern. ✓  
 var. *terrestris* (Pursh) Fern. e

7842 *Lechea racemulosa* Lam. ditto  
 (3) In old field with  
 # 7834: abundant. e

7843 *Scirpus atrovirens* Michx.  
 (2) In cold brook - overflows ditto  
 from walled in spring where  
 # 7834 green: a large clump here. ditto

7844 *Sarcocarpus asteroides* (L.) J. S. P. ✓  
 (2) at first flagstone quarry ditto ditto  
 in valley road near big red oak tree  
 abundant: full flower. e

7845 *Juncus maueri* S. F. May. ditto ditto  
 (4) with # 7844 - at quarry.

7846 *Lechea racemulosa* Lam. ditto ditto  
 (2) at same quarry with # 7844. e

*Panicum* ~~*birdianum*~~ *birdianum* Nash Bull Run Mt., Va  
In dry old field in Prince William Co  
7847 valley below High Point July 14, 1940  
(east) at walled-in H.A. Allard.  
(2) spring and cabin. e

7848 *Lactuca canadensis*  
(1) fl. yellow; all sections of one plant ditto.  
In old field where old chimney stood  
near first flagstone quarry in valley  
east of High Point ridge,  
abundant: full bloom. e

7849 *Lactuca canadensis*  
(1) ditto  
Near # 7848 e

7850 *Rudbeckia hirta* L.  
(2) In same old field near # 7848 ditto  
very abundant: full bloom. e

7851 *Cirsium humilimum* (Nutt.) Spreng. ditto  
(1) In first old field where old  
chimney stood just N. of railroad  
at Bererley Mill, on valley road;  
abundant: full bloom. e

7852 *Sparganium angustifolium* Michx.  
(1) On banks in woods on valley ditto  
road north of Bererley Mill, east of  
High Point. 2

7853 *Sparganium angustifolium* Michx.  
(2) In barren plots; roots very ditto  
superficial; some very large - one of stem  
9 in. long; 6 in. wide. Full bloom: buds  
at surface of ground; very abundant here. 2

*Allium parvum* ~~var. *parvum*~~ Bullard's garden  
(common leek) Arlington Co., Va  
7854 Full bloom. H.A. Allard  
(3) (a single long-pointed spathe)  
stamens exerted as in *A. ampeloprasum*  
from York, Va. with purple flowers. e

7855 *Carya cordiformis* (Wang.) Bull Run Mt., Va  
(1) at foot of cliffs at J.K. Kerk's July 21, 1940  
High Point; large trees, Prince William Co.  
(buds yellow) H.A. Allard. e

7856 *Asplenium pinnatifidum* Nutt. ditto  
(1) at High Point cliffs on ledges, e  
Found by Mr. Yagner. This the same  
specimen found here: one by me = # 7728

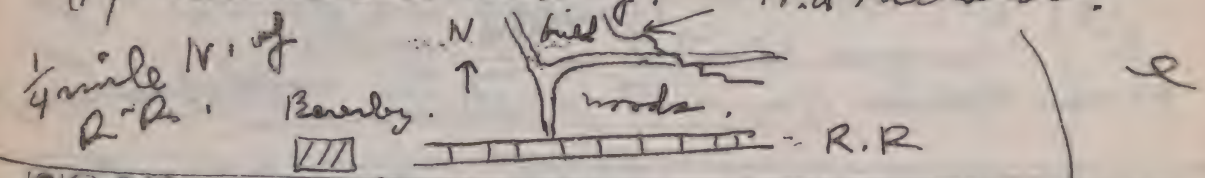
7857 *Arctium minus*. Bernh. ditto  
(2) at Riley's old cabin  
beyond Castello's; full bloom, e  
abundant

7858 *Galium pilosum* Ait.  
(1) On bank under trees ~~Prince William Co~~  
in old field; abundant. ditto  
e

7859 *Onchidaceae*  
(1) on road side bank in ditto  
damp woods well up toward  
Hofell Gap on Valley road; e  
not in bloom *Habenaria clarebata* (Michx.) Shreve

7860 *Helianthus scaberrimus* trifolium ditto  
(1) Near walled-in spring in  
old field far up valley road. e

*Galein triflorum* Michx Bull Run Mt., Va  
 In damp woods along Prince William Co.  
 brook on valley road H.A. Allard.  
 7861 where 1st right turn July 21, 1940  
 leads into swamp. H.A. Allard.



7862 *Sanicula canadensis* L ditto  
 (2) In same swamp - a brook flood  
 plain where big beech trees with # 7861. e  
 abundant.

7863 *Scum canadense* Jacq. ditto  
 (1) In same swamp woods with # 7861  
 a long basal ryshes under leaves  
 leaflets bit with nodes, and very  
 capillary head des. 2 2 1/2 inches. e

7864 *Lappula virginiana* (L.) Greene. ditto  
 (1) *Baragrinaceae*  
 In same swampy woods with # 7861 e

7865 *Lappula* ditto  
 (1) In same swampy woods with # 7861 e

7866 *Scum canadense* Jacq. ditto  
 (1) with # 7861 e

7867 *Festuca obtusa* Spreng. ditto  
 (1) *Gramineae*  
 with # 7861 e

*Galeiss circueyans* Bull Run Mt., Va  
 In same low woods Prince William Co.  
 7868 with # 7861 July 21, 1940  
 H.A. Allard.

(1) var. *hypomelacum* Fern e

7869 *Boehmeria cylindrica* (L.) Sm. ditto  
 (1) In same woods with # 7861. e

7870 *agrostis alba* L ditto  
 (1) *Gramineae*  
 (whitish panicum)  
 In damp soil on road side bank  
 1/4 mile N. of Bessley Mill on right  
 branch off valley road N. e

7871 *Umbelliferae* ditto  
 (1) In same locality near # 7861  
 = *Thaspium barbinode* (Michx.) Nutt. e

7872 *Umbelliferae* ditto  
 (2) with # 7861  
 = *cryptotaenia canadensis* (L.) DC. e

7873 *Panicum polyanthes* Schult ditto  
 (2) In damp soil by roadside  
 a few hundred yards N. of R.R. on  
 valley road near Bessley. e

7874 = *Thalictrum perelegans* Greene. ditto  
 (1)  
*Thalictrum* =  
 with # 7873. e

*Ophryoglossum vulgatum* L Bull Run Mt., Va  
In low woods a few hundred Prince William Co  
feet north of railroad July 21, 1940  
7875 on valley road H.A. Allard  
" below Beverly Mill.  
" found by Mr. Wagner.

7876 *Panicum polyanthes* Schult. ditto  
" on roadside bank in  
woods near # 7875

7877 *Malaxis uniflora* Michx. ditto  
" orchidaceae.  
" In same woods near Rail Road  
with # 7875

7878 *Microstylis unifolia* (Michx.) B. SP. ditto  
" In moist woods at left of valley  
road below Beverly Mill, abt. just  
north of railroad about 500 ft.  
my first heard

7879 *Helianthus divaricatus* L Massanutten Mt. Va  
" abundant, full bloom South end of Short Mt.,  
on dry shales proper near Mt. Jackson,  
half way to rock slides Shenandoah Co  
below cliffs August 3, 1940  
H.A. Allard

7880 *Euphorbia corollata* L ditto  
" On dry shales; scattered,  
not abundant on shales of Short Mt.

7881 *Eragrostis capillaris* (L.) Nees ditto  
" *hiruta* (Michx.) Nees  
" On barren shales in open half way  
of barren proper. Not common.  
my only specimen here.

*Paronychia fastigiata* Massanutten Range, Va  
var. *pallescens* Fern. Short Mt., (South end) Va  
" see Rhodora, 38: 421, 1936, near Mt. Jackson.  
August 3, 1940

7882 Here stipular bracts H.A. Allard.  
" longer than calyx so am calling it this.  
Abundant on true shale barren proper  
near little litter well of direct slope; full bloom.

7883 *Houstonia longifolia* Gaertn ditto  
" scattered on shale barren proper  
well of slope; (note capsule as broad  
as high or higher than broad.

7884 *Panicum ashei* Pearson ditto  
" at foot of high cutting cliffs in  
shades of woods, true barren.  
Named by Mrs. Chase.

7885 *Carex mublengeri* ~~var. *enervis*~~ Schkuhr. Boott. ditto  
" at foot of cliffs in dry soil in shade  
of woods well under overhang.  
shuttering

7886 *Bidens bipinnata* L ditto  
" at foot of cliffs beneath overhang  
near # 7885

7887 *Paronychia canadensis* L. Wood ditto  
" Beneath overhang at foot of cliffs in  
dry soil in shade of woods near  
# 7885  
Shadows.

7888 Beneath overhang of ditto  
" cliffs near # 7885.  
= *Agrostis perennans* (Vahl.) Tuckerm.  
Named by Agnes Chase.

*Crataegus*  
on dry exposed barrens  
7889 high up where  
allium *verum* is so abundant.  
South end of Short Mt., Va  
near Mt. Jackson,  
Massanutten Range  
Shenandoah Co  
August 3, 1940  
H.A. Allard.

7890A. *Santhonia spicata* (L.) Beauv.  
abundant over shale barrens. noted by Agnes Chase. ditto

7890 *Woodia obtusa* (L.) Spreng ditto  
" On dry exposed broken shale outcrops  
high up near ledges, where allium so  
abundant.

7891 *Cheilanthes lanosa* (Michx.) Walt. ditto  
" On barren shales and in fractured  
outcrops of shale cliffs below cliffs:  
abundant here.

7892 *Asplenium platyneuron* (L.) Oakes ditto  
" On driest barrens at fragmented  
shale cliffs below upper cliffs: scattered.

7893 *Crataegus*  
" On dry barren shale well up slope. ditto

7894 *Asplenium montanum* Willd ditto  
(2) In crevices of highest cliffs above  
shale slopes; in places abundant here.

7895 *Corydalis sempervirens* (L.) Pers ditto  
(2) At top of cliffs in damp pockets  
of soil etc.: full bloom and ripening seed.

*Bidens bipinnata* L. South end Short Mt., Va  
on top of cliffs Massanutten Range,  
Shenandoah Co  
7896 in pure black Aug. 3, 1940, H.A. Allard.  
organic soil near Mt. Jackson  
(3) 2 in. deep only on flat rocks hollowed,  
H. = 6.5.

7897 *Carex humilis* var. *ovaris* Boott ditto  
" at foot of cliffs beneath overhang.

7898 *Crataegus*  
" On true shale well up slope ditto

7899 *Lepidium virginicum* L.  
" On dry shale proper above *Selaginella*  
*rupestris* grows. Past. ditto

7900 *Paronychia fastigiata* var. *paleacea* Torr ditto  
" On shale nearly bare  
near foot of barrens proper;  
abundant here, and in bare  
spots in pasture below.

7901 *Houstonia longifolia* Gaertn ditto  
" On lower slopes of persistently  
cult. pasture near red bed outcrops  
on way to foot of Short Mt.  
(Capsule as high as broad or higher)

7902 *Bidens bipinnata* L ditto  
" On shale barrens proper well  
up slope: scattered in mostly  
bare spots over Short Mt. barrens.

Paronychia fastigiata  
(var. subtending var. paleacea) <sup>near</sup>  
7903 on shale well of barrens proper.  
(1) on shale well of barrens proper.  
South end of Short Mt., Va  
Massanutten Range,  
Near Mt. Jackson  
Aug. 3, 1940  
H.A. Allard

7904 Polygonum demetorum L. (2) ditto  
(1) on barren shale half way up  
slope; very dwarfed - 1 foot or less tall;  
seeds black, shining.

7905 Houstonia longifolia L. ditto  
(1) (cane as high as brood)  
on shale barrens proper well up slope,  
abundant or well distributed over shale  
and in woods above.

7906 Rhus aromatica Marsh. = (R. canadensis Mill.) ditto  
(1) In patches on shale barrens proper  
well up shale; faint dry, hairy.

7907 Polygonum tenue Michx. ditto  
(1) On shale barrens proper well up  
slope - in bare spots; frequent

7908 Taenidia integerrima (L.) Drude ditto  
(1) on shale barrens proper well up  
slope; scattered; past flower; in woods  
among rocks above shale barrens.

7909 Eragrostis ~~capillaris~~ <sup>hirsuta (Michx.) Nees</sup> ditto  
(1) on barren black shale by roadside  
in cut where we parked car at foot of  
slope. (Named by Agnes Chase)

~~Eragrostis capillaris~~ <sup>hirsuta (Michx.) Nees</sup> South end of Short Mt., Va  
Massanutten Range  
Beside #7909 Shenandoah Co  
Aug. 3, 1940  
H.A. Allard  
(1) (Have not yet found it  
on mountain shale barrens proper)  
(Named by Agnes Chase)

7911 Solidago ulmifolia Muhl. ditto  
(2) On shale barrens proper well up  
slope and just in flower; frequent  
here and in woods above.

7912 Vernonia glauca (L.) Willd. ditto  
(1) In pasture growing up below  
barrens and near Red Bud colonies  
on way to barrens proper; not common  
here.

7913 Lactuca scariola L. ditto  
(1) Roadside near where we parked car  
on dry shale at foot of mountain.

7914 Lactuca scariola L. ditto  
(1) Near #7913 by roadside on  
dry barren shale;

7915 Pyranthemum incarnum (L.) Michx. ditto  
(1) In thickets near foot of barrens  
proper - a mostly pasture with  
red bud etc. also on shale.  
(full bloom)

7916 Geum virginianum L. ditto  
(2) In thickets in pasture growing up  
just below barrens, but in barrens  
proper, a very extensive colony here  
near red bud colony.

*Quercus virginiana* L. South end of Short Mt., Va.  
Massanutten Range  
on shale barrens proper where frequent  
in rocky woods: in Shenandoah Co.  
7917 *barrens proper*, H.A. Allard, Aug. 3, 1940.

(1)

7918 *Quercus borealis* Michx. var. *mopima* (Marsh) Ashe  
(2) On shale barrens proper all over -  
abundant; much stunted, gnarled  
but fruits were small. ditto

7919 *Ostrya virginiana* (L.) K. Koch  
(5) On shale barrens proper where frequent,  
bushy and very fruitful. ditto

7920 *Carya glabra* (Mill.) Spach.  
(3) On shale barrens proper throughout  
where frequent, stunted but fruitful,  
bearing when of small size. ditto

7921 *Bidens bipinnata* L.  
(2) On drier open areas of shale barrens  
proper; frequent here; also in thin  
organic soil on rocks at top of ledges. ditto

7922 *Troscium americana* L.  
(6) On shale barrens proper where  
abundant, stunted, but fruitful. ditto

7923 *Carya glabra* (Mill.) Spach.  
(2) On shale barrens proper; frequent,  
fruitful but gnarled. ditto

*Pentstemon pallidus* Small  
on shale barrens proper where frequent  
but past flower. South end Short Mt.  
7924 Massanutten Range, Va.  
(1) Shenandoah Co.  
Aug. 3, 1940  
H.A. Allard.

7925 *Scrophularia leucophaea* Bicknell ditto  
(1) On shale barrens proper well up  
slopes; also on top of cliffs where  
just past flower, several days later than on  
shales; frequent

7926 *Carya glabra* (Mill.) Spach.  
(1) On shale barrens well up  
at Allin's colonies at  
shale ledges. ditto

7927 *Quercus borealis* var. *mopima* (Marsh) Ashe  
(3) On top of cliffs at highest  
point of ridge; good sized tree here ditto

7928 *Bidens bipinnata* L.  
(2) In true black organic soil  
from detritus on flat rocks at  
top of cliffs. ditto

7929 *Pinus virginiana* L.  
(2) On eroded shales in pasture  
just below barrens where red bud,  
*Astragalus* grow ditto

7930 *Viburnum prunifolium* L.  
(2) On shale barrens proper - where  
scattered - well up slope, in green fruit ditto

*Celtis occidentalis* L. South end Short Mt, Va  
on shale barrens proper Massanutten Range  
well up slope; frequent Shenandoah Co  
7931 here; a bushy form, August 3, 1940  
very fruitful. H.A. Allard.

7932 *Hemlock americana* L.  
(1) on shale barrens proper well up  
of slope; frequent; past bloom ditto

7933 *Carya glabra* (Mill.) Spach  
(4) In pasture where pines, redbud  
etc just before redbud area reached  
below barrens proper. ditto

7934 *Carya glabra* (Mill.) Spach  
(5) on shale barrens proper well up  
slope; frequent; fruitful though  
small, ditto

7935 *Allium cernuum* Roth  
(6) Very abundant, full bloom all over  
more open barrens well toward wooded  
zone; Most abundant plant, and very  
vigorous in the barrens, especially at  
and above the first shale outcrops. ditto

7936 In pine woods (thin) Three Top Mt.,  
(1) on shales of old pasture at foot of Pugh's Run  
near where we park. Massanutten Mt.,  
at foot of road Shenandoah Co  
Paronychia fastigiata var. August 14, 1940  
abundant. H.A. Allard.

7937 *Plantago aristata* Michx.  
(2) Near # 7936; abundant mostly past. ditto

*Agrimonia rotundata* Thunb. Three Top Mt., Va  
valley, Massanutten Range  
In opening in Shenandoah Co  
7938 pasture woods August 14, 1940  
on shales, of low H.A. Allard.  
(2) inclination beyond the rocks.  
(bl. yellow)

7939 *Lofelia inflata* L.  
(1) In same open woods in shade ditto  
(5) in ravine with # 7938  
abundant here; not on shale  
barrens proper.

7940 *Cirsium lanceolatum* (L.) Hill  
(3) In old pasture growing up to  
thin deciduous woods at base of  
road way leading along flats east of  
Mrs. Burner's place (abundant, full bloom) ditto

7941 *Houstonia longifolia* L.  
(1) In pasture thickly covered  
with pines etc on dry shales near  
(east) of where we parked  $\frac{1}{4}$  mile. ditto

7942 *Paronychia canadensis* (L.) B.S.P.  
(1) In same dry field with # 7941, ditto  
long inclined hillside near Mrs. Burner's  
back road; abundant

7943 *Stylacanthus biflorus* (L.) B.S.P.  
(2) with # 7942 abundant; still  
in flower. ditto

7944 *Lespedeza repens* (L.) Bart  
(1) with # 7943; abundant;  
full bloom. L. procumbens  
branching at apex, but not in flower. ditto

*Lespedeza procumbens* Michx. Th. Three Top Mt. Va  
on dry shales in Massanutten Range,  
7945 pasture east of Shenandoah Co  
" Mr. Burner's place Aug. 14, 1940  
grown up to pines etc. H.A. Allard  
Dry; much *Osmunda* also.

7946 *Paronychia canadensis* (L.) BSP. ditto  
(7) In moist soil far up near  
shales proper, see a springy spot  
in roadside. Here also *Primula lanceolata*  
green to great size. Partly shaded. (at one place  
abundant)

7947 *Paronychia fastigiata* var. *paleacea* Fern ditto  
(8) On barren shales covered with thin  
growth trees (*Quercus montana*) mostly  
very abundant.

7948 *Paronychia canadensis* (L.) BSP ditto  
(3) *Eragrostis*  
Growing with # 7946 same spot.

7949 *Cyperaceae* *Juncaceae* ditto  
(1) Growing beside # 7946  
*Juncus multiflorus* (Walt.) Lejune.

7950 = *Juncus macrocarpus* (Wieg.) Hermann.

7950 *Alnus incana* L ditto  
(1) In damp thicket with 7946  
and *Cirsium lanceolatum* far up  
slope above a damp spot on a wood  
road leading above shale banks.

7951 *Oxalis europea* var. *f. cymosa* (Small) n.  
In same damp, wooded spot & open wood road  
with # 7946  
(See Wiegand's treatment of *Oxalis*  
(Rhodora 27: 135. 1925)

Gramineae. Three Top Mt., Va  
In same damp spot Massanutten Range,  
with # 7946, on mountain Shenandoah Co  
Aug. 14, 1940  
7952 side in opening H.A. Allard.  
(3) in wooded road road.

7953 *Paronychia canadensis* (L.) BSP. ditto  
(1) Growing with # 7952, etc.

7954 *Cyperus flaccidus* var. *prostratus* (Pursh) Fern ditto  
(1) In damp soil in pasture  
east of Mr. Burner's along old  
roadway here above the flats.

7955 *Trinobrythylis antismalis* (L.) BSP ditto  
(2) var. *unimaculata* (Michx.) Fern  
growing intermingled with # 7954

7956 *Vernonia glauca* (L.) Willd ditto  
(1) In open wooded pasture of  
second growth pines, *Persea* etc.  
on till above road to rear of Mr. Burner's  
house along his flats.

7957 *Rhus radicans* L ditto  
(1) fruit subglobose, glabrous, greenish  
Low, bushy form 2-2 1/2 ft. high, growing  
large patches on steepest, dried slopes  
of barrens proper where I fell; abundant

7958 *Commelina erecta* L.  
(1) On steepest, dried shale barrens  
where I fell; abundant; passing bloom.  
(compared with E.C. Leonard 8-27-40)

*Houstonia longifolia* L. Three Top Mt., Va  
on steepest slopes of Massanutten Range,  
Shenandoah Co.,  
7959 where I fell Aug. 14, 1940  
|| east of foot of Pughs Run; full bloom.  
(Definitely is *H. longifolia*)

7960 *Paronychia fastigiata* var. *paleacea* Torr. ditto  
|| on steepest shale barrens near  
# 7959: abundant here.

7961 *Setaria lutescens* (Weigel.) P. T. Hult ditto  
|| on dry shales in pasture, to rear  
of Mr. Burner's house at foot of Pughs  
Run, here cactus is so abundant.

7962 *Hypericum perforatum* L. ditto  
|| with # 7961: abundant here  
in pasture and waste ground.

7963 *Asclepias variegata* L. ditto  
|| or *Aerates viridiflora* L.  
on steepest shale barrens with # 7959.  
Not in flower; occasional.  
= *Aerates viridiflora* Ell.  
(Compared with G. C. Leonard  
with U.S.N.M. material.)

7964 *Hypericum mutilum* L. Bull Run Mt., Va  
(2) in wet soil along Tanquiger Co.  
ditch banks along R.R.; August 18, 1940  
abundant H.A. Allard  
west of Berserby Mill.

7965 *Cornelina communis* L. ditto  
|| in wet soil along Mill Race in  
thicket above Mill, and along rail road  
where very common in ditches etc. full bloom.

*Oxalis europaea* Jordan Bull Run Mt., Va  
f. *opposita* (small) King Tanquiger Co.  
in thickets, moist soil Aug. 18, 1940  
along Mill Race above H.A. Allard  
7966 Mill; abundant: west of Berserby Mill  
(2) full bloom.  
Presence of pedicels appressed, not  
glandular, see Wiegand: *Rhodora* 27,  
1113-138, 1925

7967 *Radiola palustris* (L.) Moench. ditto  
|| near # 7966: mostly past.

7968 *Asclepias incarnata* L. var. *pulehra* (Chk.) Pers. ditto  
(2) along mill race above Mill: full bloom: wet soil.

7969 Dodder; *Cuscuta groenlandica* Willd. ditto  
(2) on *Aster paniculatus*  
along mill race in moist soil  
and thickets; scarcely in bloom.  
scales lacinate.

7970 *Lactuca villosa* Jacq. ditto  
|| along mill race in thicket  
near 7968: abundant, full bloom  
fl. blue.

7971 *Empetrum coelestinum* L. ditto  
|| in damp soil along Mill Race  
above Mill with # 7968: full bloom.  
fl. violet purple.

7972 *Gamfanula aparinoides* Pursh ditto  
|| in wet soil along banks of  
Mill race near # 7968: full bloom.  
stems roughened backward; suffrutescent  
itself on other plants.

*Boehmeria cylindrica* (L.) Sw  
in wet soil, thicket along  
mill race above mill;  
7973 abundant  
Bull Run Mt., Va  
Fauquier Co  
Aug. 18, 1940  
H.A. Allard  
west of Berkeley Mill.  
e

7974 *Ulmus americana* L  
" along Broad Run above Mill. ditto  
e

7975 *Galium asprellum* Michx  
(3) In thicket along Mill Race supporting  
itself on other herbage; leaf edges,  
stems (angles) and veins, midribs of  
leaves retroscly scabrous; abundant; full  
bloom  
ditto  
e

7976 *Ascuta Gronovii* Willd.  
(3) On *Impatiens biflora*  
along Mill Race with # 7975;  
abundant; full flower; stems yellow.  
ditto  
x

7977 *Commelina erecta* L  
(2) Beside Broad Run and Mill Race  
above mill. Sheaths open.  
Not abundant; full bloom.  
ditto  
x

7978 Umbelliferae = *Cicuta maculata* L  
" In damp soil thicket along  
Mill Race above Mill.  
*Cicuta maculata* L (Roots tuberous; poisonous)  
ditto  
e

7979 Gramineae  
(3) In moist soil, along Broad Run  
above Mill; rank, tall.  
= *Cinna arundinacea* L.  
ditto  
e

Gramineae (more in flower)  
in wet soil in thicket almost  
in water along Broad Run  
above Mill  
7980  
" = *Glyceria striata* (Lam.) Hitchc  
Bull Run Mt., Va  
Fauquier Co  
August 18, 1940  
H.A. Allard  
west of Berkeley Mill  
e

7981 *Elymus virginicus* L. var. *intermedius* (Vasey) Presl  
(1) In moist soil along Broad Run  
with # 7980 ditto  
e

7982 *Panicum polyanthes* Schult.  
(2) In wet alluvial soil along  
Broad Run above Mill ditto  
e

7983 *Salix nigra* Marsh  
(1) Tree of medium size along  
Broad Run above Mill; abundant  
ditto  
e

7984 *Salix sericea* Marsh  
(2) Shrub along Broad Run beside  
# 7983; abundant. Leaves silvery  
canescent beneath; Harkening her  
drying.  
ditto  
e

7985 *Lobelia inflata* L  
" In thicket along Broad Run  
between Mill Race and stream;  
common.  
ditto  
e

7986 *Crotonopsis glandulosa* L.  
(2) along railroad; abundant above  
Mill; dry soil, cinders etc. (H. well, frag.)  
stellate hairy.  
ditto  
e

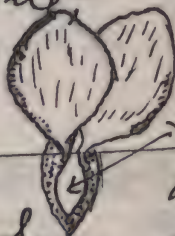
*Euphorbia dentata* Michx  
along railroad above Mill in dry soil,  
windless etc.

Bull Run Mt., Va  
Fauquier Co  
Aug. 18, 1940  
H.A. Allard

- 7987 Abundant; full bloom here west of Berkeley Mill.  
(1) (seeds rough) Upper leaves very narrow,  
british at base.)

- 7988 *Commelina communis* L  
(1) Everywhere abundant along railroad  
and on banks, damp soil etc. above Mill;  
full bloom; anterior petal white.

Petal size  
not Posterior  
blue



ditto

e

anterior petal

- 7989 *Euphorbia* ~~trachicarpa~~ *marginata* L  
(2) Along railroad on banks etc. and  
in track, windless etc. above Mill;  
full bloom, seeds black, obtusely angled,  
marked, roughened.

ditto

e

- 7990 *Cynodon dactylon* (L.) Pers  
(1) on railroad here abundant  
above Mill in windless.

ditto

e

- 7991 *Linaria vulgaris* L  
(2) On dry embankments along railroad  
above mill; passing flower.

ditto

e

- 7992 *Solidago juncea* Ait v  
(2) On railroad embankments,  
dry, above mill; abundant; full bloom.

ditto

e

- 7993 *Pyrenanthes incana* (L.) Michx. v  
(2) In thickets along railroad above  
Mill; abundant; full bloom.

ditto

e

- Dryopteris thelypteris* (L.) Hoffm. Bull Run Mt., Va  
In moist soil at foot of rocky  
railroad west above Mill, Fauquier Co  
Aug. 18, 1940  
H.A. Allard  
7994 Not fruiting here. west of Berkeley Mill  
(1)

- 7995 *Circaea discolor* (Muhl.) Spreng  
(1) along railroad in thicket  
above Berkeley Mill; also in  
cleared, scarified areas at foot of  
cliffs where flagstones in soil; full bloom.

ditto

e

- 7996 *Quercus alba* L  
(1) along railroad above Mill (west)  
on railroad.

ditto

e

- 7997 *Panicum boscii* Poir  
(1) on ledges just east of Broad Run  
station.

ditto

e

- 7998 *Populus grandidentata* L  
(3) all from same small tree partly  
killed by fire: woolly leaves from new basal shoots;  
smaller, smooth leaves from old limbs. Note  
juvenile leaves larger, of different shape, more  
woolly beneath and with character of teeth different.  
enters at top of ridge east of Broad Run station

ditto

e

- 7999 *Populus grandidentata* L  
(2) juvenile woolly leaves from basal  
shoots of another tree on same farm as  
X 7998 but near above.

ditto

e

- 8000 *Sassafras albidum* var *molle* (Raf.)  
(2) On ridge east of Broad Run station.  
Leaves pubescent on twigs very pubescent.

ditto

e

*Senecio* / *Linum foliosum* L. BSP. Bull Run Mt., Va  
on dry ridge crest and farm Tangier Co  
(March 1940) east of H.A. Allard Aug. 18, 1940  
8001 Broad Run Station: passing.  
(2)

8002 *Eupatorium toreyanum* Thunb ditto  
(2) with # 8001. Full bloom;  
occasional. = *E. album* L. ✓

8003 *Quercus stellata* Wang ditto  
(2) on dry ridge sparsely opposite  
and across R.R. from Beverly Mill. e

8004 *Setaria viridis* (L.) Beauv. Arlington Co., Va  
(7) From gray stone wall running from Clark  
station west, joining red stone wall  
here running N. & S. Most abundant  
plant on the wall. all green.

8005 *Euphorbia preslii* Guss ditto  
(1) on red sand stone section near  
junction with white at Clark Station.  
Plants much less common on this stone  
this the only one of this species seen.

8006 *Oxalis stricta* L. ditto  
(3) On gray stone National  
Cemetery wall, south portion  
west of Clark Station

8007 *Plantago major* L. ditto  
(1) On red sandstone wall near  
# 8005. Only plant found.

*Panicum*  
on vertical face of brownstone  
wall forming east boundary of  
8008 National Cemetery. Arlington Co., Va  
Clark Station  
Aug. 22, 1940  
H.A. Allard  
Only specimen found.

8009 *Digitaria sanguinalis* (L.) Scop. ditto  
(1) on vertical face of gray stone  
wall of National Cemetery west of  
Clark Station. This running E & W.  
Only specimen found.

8010 *Stellaria media* L. ditto  
(1) a mass of dead stems only, with  
leaves - long dead. on gray portion of wall  
near # 8009. Only specimen found.

8011 Small Poke weed plant ditto  
(1) 5 inches tall. On gray portion  
of wall near # 8009. Only  
occurrence

8012 *Acalypha virginica* L. ditto  
(6) all on gray stone portion  
near # 8009 - scattered along  
from Clark Station west. Most  
abundant plant on the vertical face.

8013 *Euphorbia preslii* Guss ditto  
(6) on vertical faces of gray stone  
wall west from Clark Station.  
One of most abundant plants with  
# 8012 and # 8004

8014 *Parnassia canadensis* (L.) Wood Bull Run Mt., Va  
(1) In sandy soil along road Tangier Co  
on ridge just opposite Beverly Aug. 25, 1940  
Mill north. scattered. H.A. Allard.  
e

*Paronychia festigata* (Raf.) Fern, Bull Run Mt., Va  
var. *typica* Fern  
8015 plants mostly shorter than H.A. Allard.  
blowers, but somewhat North of Thoroughfare Gap  
(3) variable; stems red. Aug. 25, 1940  
On ridge across from Berens Mill in  
sterile soil on road; scattered.

8016 *Lechea leggettii* var. *moniliformis* (Bickn.) Hodgden.  
" with # 8015: frequent ditto

8017 *Quercus marilandica* Muench  
" on ridge near # 8015: scattered  
here and on dry ridge crests throughout.

8018 *Eupatorium pubescens* Muhl. ✓  
" near # 8015: a colony here.  
with # 8019.

8019 *Eupatorium* <sup>album L. ✓</sup> ~~*torreyanum*~~ *torreyanum* Shott  
" growing beside # 8018: scattered ditto  
over dry, open, wooded ridges at Thoroughfare  
Gap: full bloom.

8020 *Sericocarpus antiochiensis* L. B. S. P.  
" along road leading from Rail Road ditto  
at Mill to High Point, on dry wooded ridge;  
frequent; full bloom  
= *Aster infirmus* Michx. ✓

8021 *Gerardia laevigata* (Raf.) Raf. ditto  
*ausculana*  
" Near # 8020 on same road; abundant  
in woods on ridges: full bloom  
Lower leaves often with coarse, irregular teeth.

*Paronychia canadensis* (L.) Wood Bull Run Mt., Va  
Below High Point Tranquar Co.  
on trail south to Aug. 25, 1940  
8022 Mill; sterile soil, North of Berens Mill  
" H.A. Allard

8023 *Lappula virginiana* (L.) Greene.  
" On same trail with # 8022 ditto  
abundant; passing.

8024 *Smilax rotundifolia* L. ✓  
" on High Point cliffs ditto  
very abundant here on shelves etc.

8025 *Digitaria sanguinalis* (L.) Scop  
" In thin soil on rock shelf ditto  
at High Point cliffs.

8026 *Polygala ambigua* Nutt. ditto  
" In dry soil on hillside in Prince William  
hastens. on valley road at Co.  
called in spring 1/2 mile north of  
Berens Mill.

8027 *Polygala ambigua*  
" *Lechea* ditto  
with # 8026: taller, later, greener than  
# 8028 with which it is intermingled.  
= *Lechea leggettii* var. *moniliformis* (Bickn.) Hodgden.

8028 *Lechea racemulosa* Lam.  
" growing with # 8027, but smaller,  
shorter, denser, blushed and more mature;  
now conspicuously red-brown over the  
hillside.

*Lespedeza virginica* (L.) Britton Bull Run Mt., Va  
on dry hillside at walled-in Prince William Co  
spring north of Bererley Mill Aug. 25, 1940  
H.A. Allard  
8029 1 1/2 miles in interior north of Bererley Mill.  
(1) valley; abundant; full bloom. e

8030 *Pyranthemum incanum* (L.) Michx. ditto  
(2) In dry soil in thicket near  
# 8029; full bloom. e

8031 *Ascyrum hypericoides* L. ditto  
(2) at quarry where water stands and  
1st cabin on valley road 1 1/2 miles  
N. of Bererley Mill; full bloom; abundant;  
styles 2. var. *multicaule* (Michx.) Horn. e

8032 *Lechea racemulosa* Lam. ditto  
(2) with # 8031 in dry soil. e

8033 *Oxalis repens* Thunb. ditto  
(1) with # 8031 e

8034 *Sigitarina ischaemum* (Schreb.) Muhl. ditto  
(1) In corn field near first quarry;  
abundant; on valley road. e

8035 *Gerum virginianum* L. ditto  
(1) at 2nd quarry near # 8031  
in thicket. e

*Setaria viridis* (L.) Beauv. Bull Run Mt., Va  
In corn field at second Prince William Co  
quarry on valley road; Aug. 25, 1940  
H.A. Allard  
8036 abundant - 1 1/2 mi North of Bererley Mill  
(1) north of Bererley Mill. e

8037 *Eragrostis capillaris* (L.) Nees ditto  
(1) Near # 8036. e

8038 *Polygonum pennsylvanicum* L. ditto  
(2) In same corn field with # 8036.  
full bloom. var. *laevigatum*  
f. *pallescens* Stanford e

8039 *Sporobolus purpureus* (L.) Roth ditto  
(2) In same corn field with  
# 8036; very abundant; full bloom. e

8040 *Paspalum pubescens* Muhl. ditto  
(1) at first quarry in open ground  
on valley road north of Bererley Mill e

8041 *Lactuca canadensis* L. ditto  
(1) In first old field - old chimney  
stood 1/2 mile north of R.R. on valley  
road; abundant; full bloom; fl. yellow. e

8042 *Agrimonia pubescens* Wallr. ditto  
(1) fl. yellow.  
with # 8041; abundant; full bloom. e

*Lofelia siphilitica* L. Bull Run Mt., Va  
Prince William Co  
Aug. 25, 1940  
H.A. Allard  
In wet spot in second  
old pasture at foot  
8043 many on valley  
road; full  
bloom. abundant, beautiful.

8044 *Scirpus*  
(2) Beside road in damp soil just  
north of R.R. on valley road.  
= *Scirpus virginica* Willd. ditto

8045 *Epilobium adenocaulon* Hayek  
coloration Michx.  
" with # 8044; full bloom.  
(corolla white) ditto

8046 *Mammillaria*  
" Road side banks near R.R. on  
valley road. *Aristida crotchi* (A. Gray) Nash. ditto

8047 *Quercus falcata* f. *triloba* (Michx.) Palmer & Slaymaker  
(3) On dry ridge where valley road crosses  
R.R. just below Beverley Mill; tall  
trees. The typical form also grows in  
Bull Run area. ditto

8048 *Lactuca villosa* Jacq. ✓  
" Roadside with # 8046:  
bl. blue: common; full bloom. ditto

8049 *Oxalis europaea* f. *cyrena* (Small) Wieg.  
" Roadside near # 8046 ditto

*Thysanthes attenuata* (Michx.) Bull Run Mt., Va  
Prince William Co  
Aug. 25, 1940  
H.A. Allard  
In first old field on  
valley road where  
8050 old chimney stood north of Hagerell Gap.  
(3) 1/2 mile N. of R.R.  
In muddy low spot, with # 8051  
*Lindernia dubia major* (Pursh.) Pennell. ditto

8051 *Eleocharis obtusa* (Willd.) Schultes  
(2) Growing with # 8050. This  
a small temporary wet spot  
made by tractor in an old field but  
kept filled by rains all summer. ditto

8052 *Hedera helix* L  
On large cedar trees on  
ridge just across from Mill, rd  
in full bloom now. Tangier Co. ditto

8053 *Pilea pumila* (L.) Gray Allard's garden  
" In shade of trees Arlington Co., Va  
very numerous; Aug. 27, 1940  
abundant. H.A. Allard

8054 *Oxalis europaea* Jordan  
(2) In rock garden. ditto  
Inflorescence of pedicels proffered mostly.

8055 *Cladonia* ♂ Elliott Knob, Va  
" at spring at shelter Sept. 2, 1940  
at 4000 growing in Augusta Co.  
earth in clumps of wall net H.A. Allard.  
with spray. Temp. of water of  
spring 48° F. C. major (Hag.) Sandst.

8056  
" at alt of 3000 ft on dead stick ditto  
on ground.

*Vitis labrusca* L Bull Run Mt., Va  
In old pasture at first Prince William Co  
old cabin along trail to Sept. 1, 1940  
8057 chestnut Oak spring H.A. Allard  
(4) in interior valley here. north of Hagerell  
clusters small of 4-5 berries east slope where  
only, and ripe or reddened. chestnut tree spring is.

8058 *Angelica villosa* (Walt.) BSP ditto  
(2) In same field (pasture) near # 8057  
In advanced fruit.

8059 *Aster umbellatus* Mill ✓ ditto  
(1) In same ground of pasture  
with # 8057: full bloom

8060 *Vitis aestivalis* Michx. ditto  
(2) In thin woods near Hagerell -  
Antioch roadway on ridge where  
*Viola pedata* grows. fruit ripe or ripening.

8061 *Gerardia pedicularia* (L.) Raf. ditto  
(5) *Aureolaria* in thickets on ridge  
beside Hagerell - Antioch roadway where  
*Viola pedata* grows. abundant here: full bloom.

8062 *Gerardia laevigata* (L.) Raf. ditto  
(2) *Aureolaria* in thin pine woods etc near  
# 8061; abundant throughout Bull Run  
area on ridges; full bloom, showy.

8063 *Carya glabra* (Mill.) Spach ditto  
(4) In old field at cabin where # 8057  
grows.

*Panicum* Bull Run Mt., Va  
In swamp beyond 1st cabin Prince William Co  
where # 8057 grows: damp. Sept. 1, 1940  
8064 shade of woods H.A. Allard  
(2) here. north of Hagerell  
Antioch highway in  
interior valley here.  
= *Panicum microcarpum* Muhl.

8065 *Oxypholis rigidior* (L.) Coult. & Rose ditto  
(3) In swamp woods where 8064  
grows. This the swamp made by replacement  
of chestnut tree spring; full bloom: fl. white.  
Tubers on roots.

8066 *Rubus hispidus* L. ditto  
(2) In same swamp with # 8064:  
abundant: fruit ripening, small,  
reddish.

8067 *Eupatorium hyssopifolium* L. ditto  
(3) In old pastures east of chestnut tree  
spring near old cabin; stands where  
idiots lived: abundant, full bloom here.  
Not elsewhere in Bull Run area.

8068 *Lobelia spicata* L. *Antennaria* Michx. ditto  
(2) Along brook in pasture  
around chestnut tree spring;  
full bloom.

8069 *Castanea pumila* (L.) Mill ditto  
(2) In some dry pasture beyond cabin  
where # 8067 grows: abundant here.

8070 *Gerardia flava* L. *Aureolaria virginica* L. ditto  
(2) In heavy chestnut Oak woods on  
ridge (east slope) west of interior valley  
where chestnut tree spring is; past bloom;  
not abundant; capsules pubescent.

*Galium latifolium* Michx. Bull Run Mt., Va  
Prince William Co  
Sept. 1, 1940  
H.A. Allard  
In heavy chestnut oak  
woods west of valley  
8071 here chestnut tree  
131 spring is, where highway in interior valley  
very abundant; in where chestnut tree spring is.  
fruit now: fruit smooth. e

8072 *Galium* ~~*virgatum*~~ <sup>*vilosum* Ait</sup> Michx. ditto  
" with # 8071: abundant, in fruit  
abundant on wooded ridges, and in pastures  
in thickets throughout. e

8073 *Desmodium dillenii* Darb. v ditto  
" In thickets near first cabin  
where #8057 grows: abundant: just  
in bloom. e

8074 *Solidago rugosa* Ait v ditto  
" In old pasture at first cabin  
near #8073 e

8075 *Agrimonia parviflora* Ait ditto  
" In damp soil along chestnut tree  
spring overflow: in mid bloom:  
an abundant species throughout. e

8076 *Dennstaedtia punctilobula* (Michx.) Moore. ditto  
" In old pasture thicket near first  
cabin where #8057 grows. e

8077 *Hieracium scabrum* Michx. v ditto  
" Near #8076: abundant: full bloom. e

In swamp with #8065 Bull Run Mt., Va  
*Athyrium affinis* (Michx.) Moore Prince William Co  
Sept. 1, 1940: H.A. Allard  
North of Hagerell-Antioch  
high ridge in interior  
valley. e

8078 ditto  
" In swamp formed by overflowed  
of chestnut tree spring in interior  
valley, it with #8065: local. e

8080 *Sanicula canadensis* L ditto  
" In same woods near #8071:  
last flower. e

8081 *Desmodium rotundifolium* (Michx.) DC ditto  
" (2) On crest of ridge directly  
west of chestnut Oak spring  
on north slope of interior valley  
1/2 mile from Hagerell-Antioch road:  
full bloom: abundant locally. e

8082 *Viburnum acerifolium* L ditto  
" with #8071: abundant: in fruit:  
abundant in woods throughout. e

8083 *Leptocarpus intermedia* (Wats.) Britt ditto  
" In same woods west of chestnut Oak  
spring on slope where #8071 grows  
Not abundant: perhaps my first record;  
full bloom. e

8084 *Linum medium* (Planch.) Britton ditto  
" with #8071 in same woods:  
last flower. L. strictum Walt. v e

~~Athyrium~~ *Athyrium asplenoides* (Michx.) Desv. Bull Run Mt., Va  
Prince William Co  
In damp shaded woods Sept. 1, 1940  
8085 *Athyrium asplenoides* (Michx.) Desv. H.A. Allard  
North of Hopewell Gap  
in same just  
north of cabin where idiots lived  
in interior valley, near a gigantic, dying  
gleetoria *Tricentothos* tree unable to compete  
here.

8086 *Athyrium asplenoides* (Michx.) Desv. ditto  
" In swamp just north of pasture  
here above cabin stands: a deep ravine  
here.

8087 *Athyrium asplenoides* (Michx.) Desv. ditto  
" In same swamp with # 8086

8088 *Orchidaceae* ditto  
" In damp woods near # 8086  
last flower: scattered throughout  
= *Habenaria clarellata* (Michx.) Spreng

8089 *Juncus subundatus* (Engelm.) Coville ditto  
" In swamp with # 8086 Blake.

8090 *Pyrola americana* Spach ditto  
" On side of rain forest, rich woods  
descending to swamp where # 8086 grew.

8091 *Silphium laciniatum* Marsh ditto  
" Beyond cabin where idiots  
lived in dry pasture; beside # 8069  
= *Chimaphila* very abundant here.

*Oenothera* Massanutten Mt., Va  
Shenandoah Co  
In old pasture east of Sept. 2, 1940.  
Mr. Burner's house H.A. Allard.  
8092 *Oenothera* On shale barrens at  
and growing to woods. foot of Potomac River  
(one plant seen) full bloom. near Woodstock, Va.

8093 *Astragalus alternifolius* (L.) DC. ditto  
" At foot of Shale Barrens in same  
waste ground, second growth pasture  
with # 8092, old along River here.  
abundant; full bloom.

8094 *Euphorbia dentata* Michx. ditto  
" In same old pasture with # 8092;  
abundant; full bloom.

8095 *Spiranthes* ditto  
" In same waste ground pasture  
with # 8092

8096 *Lida spiroaea* L. ditto  
" with # 8092; abundant  
in dry pasture here.

8097 *Pinus virginiana* Mill ditto  
" On true barrens near top;  
abundant on barrens, stunted.

8098 *Solidago boothii* Hook ditto  
" On shale Barrens proper;  
full bloom; abundant here.  
Near # 8097.

*Paronychia fastigiata* Massanutten Mt., Va.  
Shenandoah Co.  
var. *holocarpa* Fernald Sept. 2, 1940

8099 very abundant on at H.A. Allard  
4 Barrens proper - The near Woodstock on  
only one: full bloom shale Barrens.  
and in pure colonies throughout

8100 *Vitis aestivalis* Michx.  
(3) on Barrens proper: abundant; ditto  
in fruit. (correct)

8101 *Rhus glabra* *coparua* Brotero  
(1) on Barrens proper with # 8100 ditto  
not abundant.

8102 *Rhus radicans* L.  
(3) very abundant on Barrens proper ditto  
and in fruit; low, bushy, in colonies.

8103 *Acerates viridiflora* L.  
(1) on Barrens proper: part flower: ditto  
not abundant.

8104 *Cheilanthes lanuginosa* (Michx.) Nutt ditto  
(3) on Barrens proper: in colonies:  
abundant.

8105 *Trichostema lineare* Nutt  
(1) on Shale Barrens proper; ditto  
not abundant. (compared at Museum)  
= correct

*Commelina erecta* L. Massanutten Mt., Va.  
Shenandoah Co.  
on steepest Barrens Sept. 2, 1940

8106 *Commelina* <sup>profer</sup> in large clumps; H.A. Allard  
(4) erect: posterior on shale Barrens at  
H.A. Allard foot of Pughs Run  
petals blue; anterior ~~very small~~ white, deeply emarginate  
longitudinally and ridged, <sup>upward</sup>  
atypical shale Barrens plant: full flower

8107 *Galatella* ~~viridiflora~~ <sup>regularis</sup> L. B.S.P. ditto  
(3) on steepest shale Barrens proper:  
abundant: part flower; very first record  
in Va.

8108 *Houstonia longifolia* Gaertn ditto  
(1) on Shale Barrens proper, where  
even steepest and most barren: full  
flower; abundant

8109 *Solidago puberula* Nutt Elliott Knob, Va.  
(8) around fire tower at ditto  
top of knob at 4473 ft: very  
abundant here, full bloom. (near Staunton.  
Sept. 2, 1940  
H.A. Allard)  
Most abundant species here (3 seen to S.F. Blake 9-11-40)

8110 *Chelone glabra* L. ditto  
(5) in wet soil, abundant, full flower  
around spring at old shelter, at 4000 ft.  
(Temp spring 48°)

8111 *Solidago puberula* Nutt ditto  
(4) around spring at old forest  
shelter at alt. 4000 ft: abundant here,  
full flower.

8112 *Liatris graminifolia* (Walt.) Willd ditto  
(1) well up trail on east slope from  
Buffalo Gap highway, at alt. 3000 ft:  
abundant: full flower.

*Houstonia tenuifolia* Elliott Knob, Va  
Augusta Co  
on trail up east slope alt Sept. 2, 1940  
8113 at 1500-2000 H.A. Allard  
" at 3000 ft On East slope trail to  
abundant; full bloom. top of Buffalo Gap  
highway.

8114 *Solidago arguta* Nutt ditto  
" at spring at forest shelter at  
alt. 4000 ft; full bloom: abundant.  
Leaves very sharply, finely serrate.

8115 *Juncus subcandatus* (Engelm.) Coville ditto  
" in damp soil around spring  
overblown near # 8114

Identified by F. J. Hermann  
Oct 28, 1940.

8116 *Eriophorum virginicum* L ditto  
" around spring in very wet, cold  
soil (spring 48°) Bracts tawny.  
Scattered plants here.

8117 *Geranium quinquefolium* L ditto  
" at top of knob around tower;  
just in flower: scattered here

8118 *Gizia cordata* (Walt.) DC ditto  
" around fire tower at alt. 4473  
ft. near # 8117

8119 *Helianthus strumosus* L ditto  
" around fire tower: just in bloom.

*Aster macrophyllus* L Elliott Knob, Va  
Augusta Co  
at top of knob at Sept. 2, 1940  
8120 fire tower, alt. H.A. Allard.  
" 4473 ft: abundant; full bloom.

8121 *Solidago squarrosa* Muhl. ditto  
" at fire tower with # 8120:  
occasional here; full bloom.

8122 *Solidago bicolor* L ditto  
" at fire tower with # 8121:  
full bloom; abundant; rays whitish.

8123 *Prevanthes trifoliolata* (Lam.) Fernald ditto  
" on trail up, near # 8113: full  
bloom: scattered, in thicket.

8124 *Aster acuminatus* Michx. ditto  
" at top with # 8121:  
abundant; full bloom.

8125 *Saxif* ditto  
" at spring in cold wet soil  
with # 8116.

8126 *Allium cernuum* Roth ditto  
" at fire tower with # 8116:  
abundant; full bloom; purplish fl.

*Monotropa uniflora* Ell. et Kartt, Va  
Half way up east slope of Augusta Co  
from Buffalo Gap Highway Sept. 2, 1940  
8127 (very pink form) H.A. Allard  
(1)

8128 *Neliopsis scabra* Donnell Bull Run Mt., Va  
15/ In pasture just below Bererley Mill, Prince William Co  
Sept. 8, 1940 H.A. Allard.  
Mill on left side of Broad Run creek; abundant here; full bloom.

8129 *Astragalus alternifolius* (L.) DC. ditto  
(2) Along Broad Run throughout, with  
# 8128; very abundant here; full bloom.  
The most common weed.

8130 *Rudbeckia laciniata* L. ditto  
" abundant with # 8128 all down  
Broad Run and in low grounds:  
full bloom.

8131 *Verbena occidentalis* (L.) Walt. ditto  
(2) with # 8128: abundant in  
pastures along Broad Run; full bloom.  
Leaves hairy, wingless.

8132 *Carya cordiformis* (Wang.) K. Koch. ditto  
(3) 1 1/2 miles down Broad Run below  
Bererley Mill; rich soil.

8133 *Polygonum diametrum* L. ditto  
" seeds very shining.  
In thicket 1 1/2 miles down Broad Run.  
from Bererley Mill; abundant.

*Carya cordiformis* (Wang.) K. Koch. Bull Run Mt., Va  
2 miles below Bererley Mill Prince William Co  
in moist soil Sept. 8, 1940  
8134 H.A. Allard  
(6) In Broad Run flood  
plain below Bererley  
Mill.

8135 *Alnus occidentalis* L. var. *canina* Raf. ditto  
(2) 2 miles below Bererley Mill  
at old mill race, old stone cellar hole.  
Trees large, leaves diseased; trunks & limbs  
covered with warty excrescences with a *Phytophthora* gall.  
*Phytophthora globulosa* Ril.

8136 *Carya cordiformis* (Wang.) K. Koch. ditto  
" Near # 8135

8137 *Paronychia canadensis* (L.) Wood ditto  
(2) About 2 miles below Bererley Mill  
on steep wooded, naked bank along  
Broad Run, local.

8138 *Alisma subcordatum* Raf. ditto  
" In muddy inlet 1 1/2 miles  
below Bererley Mill.

8139 *Scilla maritima* L. ditto  
" On sand bar in stream 1 1/2 miles  
below Bererley Mill.

8140 *Eleocharis obtusa* (Willd.) Schultes ditto  
" with # 8139.

*Ludwigia alternifolia* L Bull Run Mt., Va  
on sand bar in stream Sept. 8, 1940  
1 1/2 miles below Mill H.A. Allard  
8141 abundant in seed. On Broad Run flood  
plain below Beresley Mill.

8142 *Bidens comosa* (Gray) Wiegand ✓  
(2) with # 8141; abundant in  
red sand; full bloom. ditto

8143 *Polygonum <sup>humatum</sup> ~~are~~* Ell. HBK  
(1) in wet soil beside # 8141; ditto  
abundant, full bloom along shores here e

8144 *Lycopus americanus* Muhl. ✓  
(1) in wet soil of same sand bar ditto  
with # 8141; abundant; full bloom  
in wet soil here. e

8145 *Hypericum mutilum* L  
(2) with # 8141; abundant in red ditto  
soil; full bloom. e

8146 *Oxalis <sup>sp.</sup> europaea* f. *cymosa* (Small) Wieg. ditto  
(2) on gravel bar in Broad Run,  
near # 8141; abundant, full bloom. e

8147 *Croton glandulosus* L. var. *septentrionalis* M. ditto  
(2) with # 8141 e  
ditto. E.

*Leptodeya amata* D. Don. Bull Run Mt., Va  
on wet sand bar Prince William Co  
in stream 1 1/2 miles Sept. 8, 1940.  
H.A. Allard  
8148 below Mill at On Broad Run flood  
(4) Beresley; full bloom plain below Beresley Mill.  
(Ident. by Dr. F. J. Hermann 1940)

8149 *Thapsus pennsylvanica* Marsh  
(4) in wet soil on bank of Broad Run ditto  
1 1/2 miles below Mill; abundant  
on flood plain. e

8150 *Mentha piperita* L ✓ ditto  
(4) <sup>same</sup> on sand bar with # 8141.  
Large clumps; full bloom here. e

8151 *Mentha arvensis* L var. *sativa* Benth. ✓ ditto  
(1) on moist soil 1 mile below  
mill. just in bloom. e

8152 green, branched filamentous  
(3) firmly attached to rocks in  
swift water just below Beresley  
Mill. with black branched stems  
*Podostemum ceratophyllum* Michx.

8153 *Thapsus pennsylvanica* Marsh ditto  
(17) Leaves sharply serrate, which is not  
characteristic (perhaps) e  
(just below Beresley Mill on Broad Run.)

8154 *Vitis vulpina* L ditto  
(13) Near # 8153  
climbing over trees; abundant;  
fruit mostly green; when ripe black, very sour.

*Cirsium discolor* (Muhl.) S. ✓ Bull Run Mt., Va  
Prince William Co  
Sept. 8, 1940. H.A. Allard.  
In pasture 1/2 mile  
8155 below Bererley Mill On Broad Run below  
along Broad Run: Bererley Mill.  
(2) very abundant, full bloom. e

8156 *Fragaria grandiflora* Ehrh ditto  
(2) On Broad Run flood plain below  
Bererley 1 1/2 miles: abundant. e

8157 *Aster divaricatus* L. ✓ ditto  
(2) 1 1/2 miles below Bererley Mill  
in woods on bank along Broad Run:  
abundant; full bloom; fl. white: rays e

8158 *Epifagus virginiana* (L.) Benth ditto  
(2) 1 1/2 miles below Bererley Mill in  
damp soil beneath beech tree: very  
abundant; full bloom. e

8159 *Quercus bicolor* Willd. ditto  
(3) In wet soil 2 miles below Bererley Mill  
in pasture on Broad Run:  
several here, with pin oaks. e

8160 *Saxifraga marilandica* L. ditto  
(1) In pasture 1 1/2 miles below  
Bererley Mill: in fruit. e

8161 *Eupatorium coelestinum* L. ✓ ditto  
(1) On Broad Run flood plain  
just below Bererley Mill a few hundred  
yards: abundant, full bloom. e

*Ambrosia trifida* L. ✓ Bull Run Mt., Va  
var. *integrifolia* (Small) Tuck. ✓ Prince William Co  
(Entire leaves) Sept. 8, 1940. H.A. Allard  
8162 On Broad Run below  
Bererley Mill. e  
(1) Near #8161

*carolinensis* (Walt.) Steud.  
8163 *Ruellia ciliosa* Pursh ditto  
(1) Leaves decidedly petioled, however  
not bloom; e  
with #8161

8164 *Perilla frutescens* (L.) Britton. ✓ ditto  
(2) Just below Bererley Mill in damp soil.  
Produces solid cover of herbage in many areas  
all down Broad Run: just in bloom; foliage  
green: a most abundant weed. e

8165 *Eupatorium perfoliatum* L. ✓ ditto  
(1) Leaves narrower: upper not mottled  
full bloom: very abundant in wet  
pastures and on flood plain of Broad Run. e

8166 *Elephantopus carolinianus* Pursh ✓ ditto  
(1) Near #8161: abundant in  
damp areas: full bloom. e

8167 *Trifolium pennsylvanicum* Marsh ditto  
(3) On Broad Run flood plain 2 miles  
below Bererley Mill. Leaves very  
slightly lobed: nearly entire.  
(Compare with #8153) e

8168 *Erechtites hieracifolia* (L.) Raf ✓ ditto  
(1) In pasture just below Bererley Mill, ditto  
common; leaves silvery white. e

*Oxalis europaea* L f. *cynea* (small) Wieg  
On Broad Run flood plain 1 1/2 miles below  
8169 Bererley Mill: abundant. Bull Run Mt., Va  
(2) Prince William Co  
Sept. 8, 1940 e  
H.A. Allard  
On Broad Run left bank  
below Bererley Mill.

8170 *Sanicula canadensis* L  
" On Broad Run flood plain 2 miles ditto  
below Bererley Mill: in fruit. e  
(damp soil)

8171 *Saururus cernuus* L  
(3) Near # 8170: in damp pasture, ditto  
abundant: full bloom: fl. red, e

8172 *Vitis vulpina* L  
(3) 2 miles below Bererley Mill e ditto  
on flood plain of Broad Run: abundant  
high climbing.

8173 *Nedeoma pullegioides* (L.) Pers. L ditto  
" Just below Bererley Mill on  
banks of Broad Run: very abundant,  
full bloom, e

8174 *Aristida dichotoma* Michx. Bull Run Mt., Va  
" In dry barren field Fauquier Co., e  
a pasture north of Hagerell Sept. 15, 1940  
1/2 mile: abundant. H.A. Allard  
North of Hagerell  
H.A. Allard  
Saf. west slope and  
pastures.

8175 *Panicum leindheimeri* Nash.  
" In same barren spot e ditto  
with # 8174

*Leersia angustata* L. Pursh Bull Run Mt., Va  
Sept 15, 1940  
In red soil near Hagerell H.A. Allard  
8176 quarry, 1/2 miles North of Hagerell Saf.  
(5) north of Hagerell Saf. Prince William Co  
e

8177 *Lactuca villasa* Jacq. L ditto  
" In thickets near # 8176  
fl. blue, very tall 6-8 ft. e

8178 *Muhlenbergia schreberi* Donel. ditto  
" In open waste ground at Harris  
quarry, near # 8176 e

8179 *Digitaria ischaemum* (Schreb.) Muhl. ditto  
" Growing intermingled with  
# 8178 at same spot. e

8180 *Polygala verticillata* ditto  
(5) var. *ambigua* (Walt.) Wood. e  
On dry roadside, in sandy soil  
in open woods on road north of Oneas: full  
in interior valley: abundantly locally: flowers

8181 *Bidens aristosa* (Michx.) Britton ditto  
(2) var. *fitchii* Fern. v.  
On road from Haymarket to  
Antioch: near Antioch, on roadside:  
very abundant here this year, and  
up to Hagerell Saf: full bloom: e  
leaves downwards barbed:  
very showy.

8182 *Echinochloa crus-galli* (L.) Beauv. ditto  
(2) In damp soil in waste ground  
near # 8176. e

*Polygonum neglectum* Besser. Bull Run Mt. Va  
Prince William Co  
In waste ground at Harris quarry Sept. 15, 1940  
8183 north of Hoperell Gap. H.A. Allard  
"1 (downy weed) North of Hoperell Gap. e

8184 *Prenanthes trifoliolata* (Lam.) Fernald ditto  
"1 Roadside on interior valley road  
from Owens to Harris quarry  
1/2 mile from Owens on dry, wooded roadside  
bank: full bloom; frequent. e

8185 *Aster discoloratus* L. v. ditto  
"1 Near # 8184 same locality:  
abundant in woods; full bloom e

8186 *Gerardia laevigata* (Raf.) Raf. ditto  
*anversiana*  
"1 In same woods near # 8184.  
abundant; full bloom. e

8187 *Collinsonia canadensis* L. v. ditto  
"3 In moist woods near Harris  
quarry 1 mile north of Hoperell Gap  
on interior valley road from Owens  
to Harris quarry: frequent; full  
bloom. a thick woody horizontal rhizome. e

8188 *Lotus villosa* Jacq. v. ditto  
"2 In moist wet ground thickets of  
roadside at Harris quarry north of  
Hoperell Gap 1/2 mi. on Owens to Harris  
quarry: abundant; full bloom; (fl. blue) e

8189 *Mikania scandens* (L.) Willd. v. ditto  
"4 In wet ground thickets at Harris quarry  
near # 8188: abundant along valley  
streams; full bloom; very fragrant;  
flesh pink. e

*Polygonum sagittatum* L. Bull Run Mt. Va  
Prince William Co  
wet soil near # 8189 Sept. 15, 1940  
8190 abundant in low H.A. Allard  
ground thickets: full North of Hoperell Gap.  
"3 bloom: fl. pink, or white, often  
almost crimson. e

8191 *Hypericum mutilum* L. ditto  
"2 In wet open soil near # 8190:  
abundant in open lowlands; passing. e

8192 *Polygonum scandens* L. ditto  
"3 In moist thicket near # 8189:  
abundant, high climbing in low, wet  
situations or moist. e

8193 *Demodum dillenii* Darl. ditto  
"4 In dry thickets pasture on Harris  
place near # 8190, near live quarry  
boulders: abundant; full bloom; pinkish. e

8194 *Sida spinosa* L. ditto  
"1 Near # 8193: abundant; full bloom. e

8195 *Polygonum pennsylvanicum* L. ditto  
"2 In old field with # 8193:  
abundant; full bloom; fl. deep pink:  
var. *laevigatum*  
f. *haldense* Stanford. e

8196 *Oxalis europaea* L. var. *lymnaea* (small) ditto  
"4 In same old field with # 8193:  
very abundant; stems glabrous; pedicels,  
capsules with loose, spreading pubescence;  
full bloom. e

*Dioscorea villosa* L.  
In woods near  
White. Rocks.

8197  
(3)

Bull Run Mt., Va  
Prince William Co  
Sept. 15, 1940  
H.A. Allard  
North of Hoperell Gap  
1 1/2 miles

8198 *Monotropa hypopitys* L. ditto  
(2) In same woods, but below white  
Rocks, west slope: deep red coloration.  
full bloom: several localities seen here.

8199 *Nelianthus giganteus* L. ✓  
(4) In old pasture north of Hoperell Gap, ditto  
west slope west of Mrs. Cop's.  
abundant: full bloom; pale yellow or cream rays.  
In Fauquier Co.

8200 *Solidago graminifolia* var. *nuttallii* (Greene) Threlk. ditto  
(2) In old field with # 8199; abundant.  
full bloom: very pubescent.  
(In Fauquier Co.)

8201 *Vitis aestivalis* Michx. ditto  
(2) In thicket along fence row in  
old pasture near # 8199. In Fauquier Co.

8202 *Athyrium thelypteroides* (Michx.) Desr. ditto  
(2) In swampy woods near old  
house abandoned north of Mrs. Cop.

8203 *Solidago ciliata* (Laf.) Blake ditto  
(2) In old waste ground near old  
abandoned house near # 8202.

*Polygonum demissum* L. Bull Run Mt., Va  
~~*Polygonum scandens* L.~~ Fauquier Co  
In briar thicket north of Sept. 15, 1940  
Hoperell Gap 1 mile H.A. Allard  
8204 west slope near Mrs. Cop's North of Hoperell Gap  
(3) abundant.

8205 *Oxalis europaea* f. *cynea* (Small) Wieg. ditto  
(3) (Same as # 8196)  
In old pasture, 1 mile north of  
Hoperell Gap, west slope.  
capsules & pedicels with loose, long hairs.  
stems; abundant: full bloom.

8206 *Mentha piperita* L. ✓ ditto  
(6) In very wet soil in swale along brook  
at Mrs. Cop's; abundant, full bloom.

8207 *Epilobium ciliatum* Michx. ditto  
(1) In same swale with # 8206:  
abundant: corolla white.

8208 *Cuscuta* on *aster* = *Cuscuta indecora* Choisy. ditto  
var. *demotus*.  
(1) In low ground in Cop's pasture  
near # 8206.

8209 *Oxalis europaea* var. *cynea* (Small) Wieg. ditto  
(2) In old field <sup>near</sup> Hoperell Gap 1/2 mile.  
stems glabrous; capsules & pedicels  
loose hairy with spreading hairs.  
Very abundant

8210 In waste ground in *Lespedeza* ditto  
(2) old pasture near # 8209  
Stipules large: barely in flower.  
*Lespedeza stipularia* Maxim.

~~Lophodea~~ *dillenii* Darl., Bull Run Mt., VA  
Desmodium Franquiere Co  
In old field 1 mile N  
8211 north of Hotwell Gap, Sept. 15, 1940  
H.A. Allard.  
(1) near 8210.

8212 *Xanthium* ~~*hirsutum*~~ <sup>*mungens* Walbr.</sup> ~~Waltz~~ ditto  
(1) In old field just below Castell's  
just on north side of Hotwell Gap road.

8213 *Euphorbia* ~~*maculata*~~ <sup>*maculata* L</sup> ~~Waltz~~ e ditto  
(3) In old field with # 8212: abundant.

8214 *Acalypha virginica* L ditto  
(1) In old field with # 8212: abundant.

8215 *Oxalis europaea* f. *cynea* (Swall) <sup>Wieg.</sup> ~~Wieg.~~ e ditto  
(22) <sup>var</sup> on roadside just below Castell's

8216 *Oxalis europaea* Jord ditto  
(1) Near greenhouses. <sup>Arlington Farm</sup>  
capsules & pedicels with <sup>Arlington Co, Va</sup>  
appressed pubescence, and also <sup>Sept. 17, 1940</sup>  
long spreading hairs on capsules, H.A. Allard

8217 *Setaria faberii* Horner ditto  
(10) Now widely scattered over Arlington  
Farm north of greenhouses etc. Very variable in  
abandoned fields, some much branched & 3 ft or more  
tall. Does not compete well with native grasses  
in established turf.

*Eupatorium alticaefolium* Massanutten Mt., Va  
var. *villicaulis* Fernald Shenandoah Co  
Sept. 22, 1940  
H.A. Allard  
8218 along road road at foot of Pugh's Run road  
from Mr. Burner's north of Woodstock, Va.  
(17) where we park to Mr. Boyer's (old couple)  
along the Shenandoah very abundant,  
intermingled with the typical, and with all degrees of  
pubescence; full bloom.

8219 *Eupatorium alticaefolium* Reichenb. ditto  
(2) growing closely intermingled with  
# 8218, but very sparsely pubescent.

8220 *Eupatorium altissimum* L ditto  
(2) In old field of Mr. Boyers, just east  
of their house (old couple in 80's, both).

8221 *Helianthus scabra* Dunal ditto  
(2) abundant in old pasture and field  
where # 8220 occurred; full bloom.

8222 *Carya glabra* (Mill.) Spach ditto  
(2) On true shale barrens east of  
old Mr. Boyers, in second growth; dwarfed.

8223 *Houstonia longifolia* Gaertn. ditto  
(1) On true shale barrens above  
Boyers - (near # 8222) Past flowering.

8224 *Trichostema lineare* Walt ditto  
(2) On true shale barrens above  
Mr. Boyer's pastures. (Compared at Museum)  
= correct.

*Paronychia fastigiata*  
Bracts subtending flowers variable  
8225 Near Boyer's on true shale barrens beyond his pastures: abundant; passing flower.  
Massanutten Mt., Va  
Shenandoah Co  
Sept. 22, 1940  
H.A. Allard  
on shale barrens at foot of Pugh's Run north of Woodstock.

8226 *Solidago altissima* L.  
3, In pasture of old Mr. Boyer; abundant, very tall, showy, full flower.  
ditto

8227 *Delphinium ajacis* L.  
11 Same pasture with 8226. (one plant) bl. blue.  
ditto

8228 *Liatris scariosa* Willd.  
10 On true, barren shales near high rock slides east of old Mr. Boyer's: very abundant, very showy, full flower. very beautiful.  
ditto

8229 *Cassia nictitans* L.  
11 On true shale barrens near Mr. Boyer's: abundant; passing.  
ditto

8230 *Monarda longifolia* Gaertn.  
31 On true shale barrens near Mr. Boyer's. Very abundant on steep barrens: first flower.  
ditto

8231 *Paronychia fastigiata*  
31 On true shale barrens high up slope east of Mr. Boyer's, near high rock slides - with # 8228.  
ditto

*Solidago bicolor* with yellow rays  
8232 I fell again cutting my left arm. Intermingled with white-rayed *S. bicolor*, otherwise indistinguishable and abundant here: full flower.  
Massanutten Mt., Va  
Shenandoah Co  
Sept. 22, 1940  
H.A. Allard  
at foot of Pugh's Run north of Woodstock.  
May 1st 1941  
H.A. Allard

8233 *Solidago bicolor* L.  
11 white rays, abundant and growing with # 8232: common species on true barrens.  
ditto

8234 *Lafedeya repens* (L.) Bort  
11 On true barrens where I fell, beyond Mr. Burner's.  
ditto

8235 *Paronychia fastigiata*  
31 with # 8234: abundant.  
ditto

8236 Moss  
11 *Brinnia* etc  
On outcropping shales near # 8235  
ditto

8237 *Cheilanthes lanosa* (Michx.) Nutt.  
12/ with # 8236 on same outcrop.  
ditto

8238 *Polygonatum commutatum* (R.P.S.) Dietr.  
11 A colony beside outcrop where # 8237 and 8236 grew. (strictly smooth.) My first record for this species on the shales proper.  
ditto

*Sponoxia hederacea* Jacq. Arlington, Va  
H.A. Allard's garden, Sept. 23, 1940  
8239 Full bloom; fl. pink. H.A. Allard.

8240 *Oxalis corniculata* L. (see Wiegand, Arlington, Va.  
(6) Rhodora, 27, July, Aug. 1925, h/113-139) Arlington, Va.  
Near greenhouses at Arlington Farm, Va. Sept. 24, 1940  
Leaves purplish - somewhat glaucous. H.A. Allard.

8241 *Oxalis europaea* Jacq.  
(6) Near # 8240 around greenhouses. ditto

8242 *Panicum velutinum* Lam. Massanutten Mt., Va.  
(4) Just east of Mr. Burner's before Pugh's Run. In second growth woods near shale barrens at foot of  
1st barrens are reached Sept. 29, 1940. H.A. Allard.  
2nd growth woods, closed forest.

8243 *Panicum*  
(2) In woods at top of further  
shale east of Mr. Burner's. ditto

8244 *Alyssa virginica* L.  
(1) In woods at top of further  
of 1st barrens east of Mr. Burner's. ditto

8245 *Aster laevis* L.  
(1) at foot of shale barrens  
near # 8244: rays blue. ditto

*Aster cordifolius* L. Massanutten Mt., Va.  
with # 8245. Shenandoah Co.  
Sept. 29, 1940  
8246 Scattered in deep  
ravines at foot of  
(3) barrens: rays purple, sturdy. H.A. Allard  
# 8245 of Pugh's Run.

8247 Grass  
(1) In ravine at foot of 1st shale  
barrens with # 8245 ditto

8248 *Berardia laevis* Raf.  
(1) In woods at top of further  
barrens east of Mr. Burner's  
in *Pinus pungens* expanse.  
Past flower. ditto

8249 *Crataegus*  
(1) (fruit orange red)  
On true barrens here & fell  
farther from Mr. Burner's. ditto

8250 *Solidago erecta* Pursh (yellow form) ditto  
(2) On true barrens here & fell, i.e. farther  
from Mr. Burner's: very abundant here  
on all this particular area, intermingled  
with the white form. # 8252

8251 *Solidago erecta* Pursh (yellow)  
(4) Found in deep woods just above  
# 8250, but identical with latter. ditto

8252 white rayed form of *Solidago* L. ditto  
(3) growing all over the shale  
with # 8250 with yellow rays.  
Indistinguishable from the yellow rayed  
true *erecta* in some instances, at least the  
most glaucous plants; some incline to bicolor  
in barrens.

*Solidago bicolor* L. Massanutten Mt., Va.  
Very hairy; all from the same Shenandoah Co.  
milk brushed plant. On tree, Sept. 29, 1940  
8253 *var. nana* nearest Mr. Burner's H.A. Allard,  
(4) (east). at foot of English Run  
(white rayed) on shale *var. nana* east  
of Mr. Burner's.

8254 *Solidago speciosa* Nutt. St. Leonard, Md.  
1 5/1 Plants from seed of Parents from  
field at Arlington Farm near Tappan  
since May, 1938. 10-29-37. To cool home  
12-15-37. 4/1-6-38. To think  
First from 9-20-1940. Plants 3-11-38. To kill ad test 5-3-38.  
8255 breeding of here ad very strong.

(3) white-rayed progeny from at Arlington Farm, Va.  
of *Solidago bicolor* white Arlington Co., 9-27-40  
H.A. Allard  
harvest on 13 from day 1938 = plant B. from in  
field 1939, 40 ad these taken from this row.  
8256 *Solidago* leaves small & scabrous.

(3) These are yellow rayed plants  
from same progeny as the white rayed ditto  
#8255, i.e. sister plants of same  
progeny. In this progeny from which #8255  
and #8256 came, were 87 white ad 7 yellow plants.

8257 yellow-rayed *Solidago* - more Bull Run Mt., Va.  
(2) nearly bicolor than erecta Tangier Co.,  
on dry ridge just above Oct. 6, 1940  
Castello's quarry south of Hatfield Gap. H.A. Allard  
not abundant.

8258 *Corallorhiza odontorhiza* Nutt.  
(1) In deciduous woods on west slope ditto  
below High Point Cliffs. Frequent,  
full bloom. e

8259 *Butyrchium obliquum* Muhl.  
(2) with #8258; abundant & ditto  
throughout the heavy woods here,  
ad. var. dissectum here also, less common,  
fruiting in autumn.

*Oxalis europaea* var. *cymosa* (Small.) Wieg. Massanutten Mt., Va.  
On shale soil just west of Shenandoah River  
east of road, in Great Valley, ad just  
8260 west of Three Top Mt. slopes - on  
(5) next left highway below Forest Grove  
Tavern  
abundant: full bloom, very fine  
shale *var. nana* across River here, (see photo.)

8261 yellow-rayed golden rod hairy  
(2) throughout as in *S. bicolor* ditto  
on dry shale knobby at cabin,  
just above where we parked car and  
found #8260. Occasional here

8262 in this pine woods etc  
(1) *Crataegus* Va., Massanutten Mt.  
on true shale *var. nana* south end of Short Mt.,  
half way up slope: Shenandoah Co.  
buds deep yellow; some October 10, 1940.

8263 with reddish face: one plant only:  
(3) all the fruit on ground: small bush.  
*Aster pilosus* Willd. on low brushy  
pasture are just below shale *var. nana* ditto  
knobs on south end Short Mt.: abundant here;

8264 full bloom  
(5) *Lespedeza intermedia* (Wats.) Britton  
with #8263; abundant here; past  
blossom, *Astragalus distortus* grows  
here etc. (see *Rhodora* 26: 31, 1924 by S.F. Blake)

8265 *Leguminosae* *Cladanthus* (L.) Britton ditto  
(3) growing in same area with #8263 ad  
#8264; 1 ad fruit only. - *S. regularis* (L.) BSP  
my first record here. (correct)

8266 *Euphorbia maculata* Suess (correct) ditto  
(1) with #8263  
abundant; also nearly or quite  
on *var. nana* knobby. Past blooming.

*Solidago bicolor* L. (rays white) south end of  
very abundant, full bloom Short Mt., Va  
on low inclined shales Massanutten Range  
8267 just before reaching Shenandoah Co  
(9) true shales (steep) October 10, 1940  
of short Mt. growing H.A. Allard  
in thin open pines and hardwood  
no yellow golden rods in entire area here.

8268 *Agrimonia pubescens* Walbr.  
On shale barren mtn. But October 12, 1940  
well up steep slope of south end of Short  
Mt., Va. Past flower. roots tuberous (correct)  
thickened (True shale plant)  
8269 *Pyrolanthemum* <sup>*l. c. mollis* (T. & G.) Britch of Gray</sup>  
*incanum* (L.) Michx. ditto  
growing with 8268 on true shales.  
Past flower. (correct)

8270 *Verbena urticaefolia* L  
" (lt. white) ditto  
growing with 8268 on true  
barren. Nearly past flower.  
a true shale barren species.

8271 *Aster oblongifolius* Nutt  
" On true shale barren near ditto  
shale cliff outcrop far up. One of most  
abundant species in the shale barren; full bloom  
very showy.

8272 *Aster laevis* L  
" On true shale barren throughout, ditto  
and most abundant; full bloom. Most  
striking plant following *Allium cernuum*,  
in autumn. Leaves very narrow or broad.

8273 *Malus glaucescens* Rehd. Bull Run Mt. Va  
" (4) with fruit (not in Nat. Arboretum) H.A. Allard  
Beyond High Point oak grove west of H.A. Allard  
High Point Ridge in high pasture. Oct. 13, 1940  
fruit perfectly smooth, not angled. see H.A. Allard  
collections.

*Aster oblongifolius* Nutt v Bull Run Mt., Va  
in high pasture west of Tangier Co  
N.W. of High Point oak October 13, 1940  
H.A. Allard.  
8274 grove west of High Point Ridge.  
" (2) Rare; my first record for Bull Run  
area; one splendid showy clump  
only.

8275 Plant A, *Nicotiana tabacum* L  
" from upper Marlboro Md.  
Md. Broadleaf var.; Byrnes-Robinson strain  
(air-cured type) Prince Georges Co.  
Aug. 30, 1940. H.A. Allard  
Entire plant; sections A, B, C, D from top of plant.

8276 Plant W, *N. tabacum* L., Md. Broadleaf  
Byrnes-Robinson strain; air-cured type.  
Aug. 30, 1940. H.A. Allard Prince Georges Co.  
Entire plant; sections A, B, C, D from top of plant.  
grown at upper Marlboro, Md.

8277 Plant #1, *N. tabacum*  
" Maryland Medium Broadleaf,  
Robinson strain.  
grown at upper Marlboro, Md.  
Prince Georges Co.  
Aug. 30, 1940 H.A. Allard  
Sections A, B, C, D from top down of one plant.

8278 Plant #2, Md. Medium Broadleaf strain  
" Robinson strain; upper Marlboro Md.  
Prince Georges Co. Aug. 30, 1940  
nearby H.A. Allard  
Sections A, B, C, D etc from top down, of one plant.

8279 *Nicotiana rustica* L. var. *Brasilica*  
" grown at upper Marlboro, Md., #34753  
Prince Georges Co.  
Aug. 30, 1940. H.A. Allard  
Sections A, B, C, D from top down, of one plant.

8280 *N. tabacum*, Judy's Pride H.A.  
Plant #1 Light air-cured type for cigarettes, 100  
chewing, smoking. Grown by  
Mrs. Chance at Heathville, Tenn.  
Aug. 29, 1940. (Sections A, B, C, D etc of  
one plant from top down. (Greene Co.)

*N. tabacum* L. Plant No 2 of var. Judy's Pride,  
light air-cured type grown mainly in Ky, Tenn.  
for pipe, cigarette and chewing.  
8281 Greenville, Tenn., Greene Co., grown  
by Mr. Chance, Aug. 29, 1940. H.A. Allard.  
Sections A, B, C, D etc from top to ground.

8282 *N. tabacum* Improved One-sucker-  
group at Arlington Farm, Va.  
Dark air-cured type. Grown mainly  
in Ky, North Tenn., and So. Ind. Chewing type.  
Sections A, B, C etc from top. Aug. 29, 1940  
H.A. Allard.

8283 *N. rustica* var. *Brasilica* # 34753 grown  
(1) at Arlington Farm, Arlington Co., Va.  
August 29, 1940. H.A. Allard.  
A high-micotine sh.  
Sections A, B, C, D etc from top.

8284 *N. tabacum* Turkish type var. *Smyrna*.  
(1) Grown at Arlington Farm, Arlington, Va.  
H.A. Allard. Aug. 29, 1940.  
Sections A, B, C. etc from top down.

8285 *N. tabacum* var. *Lizard's tail*; dark fire-  
cured type, grown mostly in Va., for  
chewing and export.  
Grown at Arlington Farm, Arlington Co., Va.  
Aug. 29, 1940. H.A. Allard.  
Sections A, B, C, D of one plant (down to ground)

8286 *N. tabacum* var. *Hickory Prayer*.  
(1) Dark fire-cured type grown in Va. for  
chewing and export. Grown at Arlington Farm,  
Va. Aug. 29, 1940. Sections A, B, C, D  
etc. from one plant.

8287 *N. tabacum*, var. *xanthi*, a Turkish type.  
(1) Grown at Arlington Farm, Va. Arlington Co.  
Aug. 29, 1940. H.A. Allard.  
Sections A, B, C, D down from top, of one  
plant.

*N. tabacum* L. Conn., Hasana seed type, for  
a cigar-wraffer type. Grown by Mr. Keitlinger  
near Amherst, in Conn. Valley, Mass.  
Aug. Sept. 6, 1940. H.A. Allard.  
8288 sections of one plant from top down -  
" A, B, C etc.

one plant *N. tabacum*, Conn. Broadleaf V. S type 51  
cigar-wraffer type, grown by Mr.  
8289 Keitlinger near Amherst, Mass., Conn.  
Valley. Sept. 6, 1940. Sections A, B, C, D  
etc from top down.

one plant *N. tabacum*, Conn. Shade-grown Cuban,  
8290 Cigar-wraffer type. Grown by Mr.  
Keitlinger near Amherst, Mass., Conn. Valley.  
Aug. Sept. 6, 1940. H.A. Allard.

one plant No 1. of Cash var., Orinoco type (N.  
8291 *tabacum*). Grown at Oxford, N.C., Granville  
by Mr. Mass. Blue-cured type mostly cigarette tobacco.  
Sept. 9, 1940. H.A. Allard.  
Sections A, B, C, D etc from top down.

Plant # 2, Cash var. Blue-cured type, at  
8292 (N. *tabacum*). Grown by Mr. Mass at  
Oxford, N.C., Granville Co. Sept. 9, 1940.  
H.A. Allard. Sections A, B, C, D etc. from top down.  
(Orinoco group)

Plant # 3. Cash var. Orinoco group, Blue-cured  
8293 type, (N. *tabacum*). Grown by Mr. Mass  
(1) at Oxford, N.C., Granville Co.  
Sept. 9, 1940. H.A. Allard. Sections A, B, C, D  
from top down.

8294 One plant *N. tabacum*, Penn. Broadleaf,  
(1) Olson strain, Cigar-filler type, grown  
by Mr. Street, Sept. 5, 1940. H.A. Allard.  
Sections A, B, C, D etc. from top down.  
Grown at Lancaster, Pa. Lancaster Co.

Penn. Broadleaf, Swan-Nibshman strain,  
cigar-filler type. - *N. tabacum* L. Brown  
at Lancaster, Pa, Lancaster Co. by Mr. Street,  
U.S.D.A. Sept. 5, 1940. H.A. Allard.  
8295 Section A, B, C, D etc from top down.  
" of one plant.

8296 Cash var., Orinoco Group, fly-axed  
Type. - *N. tabacum* L. Brown by  
E.W. Moss, Oxford, N.C., Meville Co.,  
Sept. 9, 1940. H.A. Allard.  
Section A, B, C, D etc from top down, of  
one plant.

8297 one plant of *Nicotiana glauca* Poir.  
from near Newmansburg, Central Australia.  
sent to Tobacco Division 1939 for *Duboisia*  
*hopwoodii* (see letter). Brown at Arlington Farm,  
Va., Arlington Co., 1940 in buckets.

8298 ~~one~~ October 3, 1940. H.A. Allard.  
Section A, B, C, D etc. from top down, of one  
plant.  
" Sister plant to # 8297 (same data) etc.  
sent to U.S. National Museum, numbers 8275  
to 8297 inclusive sent to

8299 *Nidularia* from Big Bald (trail up) Big Bald Knob  
just above Camp Todd.  
For Camp Todd, go to Mt. Solon, Nokesville,  
follow road, turning left to a sign saying  
1 mile to CCC camp. Take right here and keep on to shelter.  
Nov. 10, 1940. Augusta Co., Va.  
H.A. Allard.

8300 Disease of *Nyctaginia patula* from Mt. Shert  
on Short Mt., Va., South end. Massanutten  
(No disease ref. on this grass before) Shenandoah Co.  
Nov. 11, 1940  
H.A. Allard.

8301 *Citraria islandica* (Nostrum) ditto  
" Growing on trail where it turns off  
to 1 mile to Big Bald Knob, in Chalee,  
upon soil here beside - checkerberry, Turkey Bedrock,  
*Cladonia rangiferina*, etc. (abundant in spots)  
(None collected)

True lichen - ~~Foot~~ of Big Bald Knob at spring at  
8302 Camp Todd. Nov. 10, 1940.  
" several H.A. Allard.

8303 bark lichens on Bull Run Mt., Va.  
chestnut oak red slope west slope, Fannin Co.,  
" below High Point Nov. 17, 1940.  
one - (25-30) - one dots 000 H.A. Allard.

8304 thin smoky circles on  
" gritty rocks on ground ditto  
near # 8303

8305 black areas on Mountain Lake, Va.  
" rub. red fine whitish E. 3-5, 1936.  
points also coll. Wm. W. Diehl.

8306 *Phoradendron* Bull Run Mt., Va.  
(2) young plants (Pursh) North Prince William Co.  
near top of red maple trees near cabin in way to cabin in  
field where magnolia is lined - ie near Chestnut Spring, 25 ft. high.  
8307 *Staminate* Nov. 21, 1940  
" one top rock lichen H.A. Allard.  
" on ridge where white moss grows  
north of Harris place ditto

8308 One top rock lichen  
" same loc., with # 8307 ditto

one top rock lichens  
on ridge just north of  
Harris place and  
white moss  
all the rocks flat on  
soil.

8309

Bull Run mt., Va.,  
Prince William Co.,  
North of Hopewell Gap and  
Antietam. Nov. 21, 1940  
H.A. Allard.

8310

one top rock lichens.  
with # 8309

ditto

8311

one top rock lichens - with # 8309

ditto

8312

Bsp bark lichens on  
one small persimmon  
tree in field near  
bare soil areas.

Bull Run mt., Va.  
Prince William Co.,  
west slope below  
High Point Cliffs  
Dec. 8, 1940  
H.A. Allard.

8313

Bsp bark lichens on bark of  
tree near # 8312.

ditto

8314

Bsp bark lichens from one old persimmon  
tree near # 8313 - a different tree

ditto

8315

white areas on *Prunus serotina*  
small bushes near # 8312

ditto

Bsp of bark lichens on large  
chestnut Oak tree below High Point

Bull Run mt., Va.  
west slope below High  
Point Cliffs. Dec. 8, 1940  
H.A. Allard.  
woods below High Point.

8316

8317

Bsp Cladonia and grass on  
inclined surface of a large  
boulder in woods below High Point.

ditto

8318

Twigs (dead) with lichens from  
lower limbs of Tulip Poplar  
near # 8312, in old pasture

ditto

8319

white areas on twigs (limbs) of  
Tulip Poplar with same tree as # 8318  
white areas with dull blackish dots.

ditto

8320

Lichen - brown areas on Black Gum  
in woods below High Point ridge

ditto

8321

Bsp bark lichens on large  
chestnut Oak tree below High Point cliffs

ditto

8322

grayish lichen areas with 2-5 marks  
on bark of chestnut Oak - near # 8321

ditto

Lichens (yellow dots)  
on bark of Chestnut Oaks  
in woods below High Point.

8323

(1)

Bull Run Mt., Va  
Fauquier Co.,  
Dec. 8, 1940  
H.A. Allard  
red slope below High Point  
Bridge.

8324 Bark lichen on Chestnut Oak

(1) near # 8323

ditto

8325 Cladonia on dead sticks

(1) near # 8323

C. squamosa (Scop.) Hoffm.

ditto

8326 Cladonia on soil at base of

(1) tree in woods near # 8323

C. caespiticia (Pers.) Thöerke.

ditto

~~Phoradendron~~ *Plasencens* (Pursh) Nutt. ✓

8327 Staminate plants of mistletoe just  
in flower on top of live suberect  
(2) just north of Hagerell Gap road south of  
Chestnut tree spring, my first  
search for this plant in Bull Run area;  
no mistletoe plants found.  
(out of date order)

Bull Run Mt., Va  
Prince William Co.  
Nov. 21, 1940  
H.A. Allard.

8328 Lichens on sandstone  
(1) rocks west of Chestnut tree  
spring.

Bull Run Mt., Va  
Prince William Co.,  
on rocks on ridge  
north of Hagerell Gap  
west of Chestnut tree  
spring. Dec. 22, 1940.  
H.A. Allard.

8329 Bark lichen.

(1) on ledges west of  
Chestnut tree spring

ditto

Bark of ink lichen: with # 6329. Bull Run Mt., Va  
Prince William Co.  
North of Hagerell Gap,  
west of Antioch  
Dec. 22, 1940  
H.A. Allard.

8330

(1)

8331 Bark rock lichen.

(1) with # 6329  
(green on sandstone)

ditto

8332 Bark rock lichen.

(1) with # 6329

ditto

8333 Bark lichen on

(1) red oak tree, near Chestnut tree  
spring south.

ditto

8334 Bark rock lichen.

(1) with # 6329

ditto

8335 Lichen on red oak tree

(1) with # 8333

ditto

8336 Pure colony of tiny gray  
(1) lichen on sandstone on pile  
just north of Chestnut tree spring.

ditto

Two lichens - crustose - one gray - one black on  
rocks, on ridge  
8337 nest of chestnut tree  
"1" spring  
Bull Run Mt., Va  
North of Hagerell Gap,  
near Chestnut Tree Spring,  
Prince William Co.,  
Dec. 22, 1940,  
H.A. Allard

8338 Bop rock lichens  
"1"

Same locality and  
ridge next to  
Chestnut Tree Spring,  
but January 1, 1941,  
H.A. Allard

8339 Bop lichens from bark of big  
"1" chestnut oak (Q. montana) on  
top of ridge next to Chestnut Tree Spring

ditto

8340 Bop bark lichens from same sp.  
"1" of oak at same place

ditto

8341 Bop rock lichens coll. near # 8339  
"1"

ditto

8342 Bop rock lichens coll. with # 8339  
"1"

ditto

8343 Hepatic on bark of  
"1" chestnut oak tree with 8339.

ditto

Bark lichen on Rock Chestnut  
tree (gray lichen) at High Point.

8344  
"1"

Bull Run Mt., Va  
Fauquier Co. 5, 1941  
January 5, 1941  
H.A. Allard  
at High Point

8345 Bop bark lichens from  
"1" Rock Chestnut Oak at High Point

ditto

8346 one top bark lichen (whitish patches)  
"1" on Rock Chestnut Oak bark at  
High Point cliffs.

ditto

8347 Bop bark lichens on same species of  
"1" oak as with # 8346

ditto

8348 Bop bark lichens on same species of  
"1" oak with # 8346

ditto

8349 Bop bark lichens on same species  
"1" of oak with # 8346

ditto

8350 Bop bark lichens on trees; white  
"1" patches on lichen; others on  
Rock Chestnut Oak. Near # 8346

ditto

Bop bark lichens on Quercus Bull Run Mt., Va  
montana at High Point Cliffs. Fannquier Co.  
January 5, 1941  
H.A. Allard.

8351

||

8352

Bop bark lichens on chestnut oak  
near # 8351

||

ditto

8353

Bop bark lichens on chestnut oak  
near # 8351

||

ditto

8354

Bop rock lichens from High Point Cliffs

||

ditto

8355

Bop rock lichens near # 8354

||

ditto

8356

Bop rock lichens near # 8354

||

ditto

8357

Bop rock lichens near # 8354

||

ditto

Bop rock lichens on High Point Cliffs. Bull Run Mt., Va  
Smoky Black irregular spots, mostly Fannquier Co.,  
on low ground rocks in woods on One rock at High  
Point Cliffs. January 12,  
1941. H.A. Allard.

8358

||

Large bop rock lichens from  
High Point Cliff outcrops.

||

ditto

8360

Bop rock lichens with # 8359

||

ditto

8361

Bop of small gray Parmelia-like  
\* Very abundant at High Point.

||

ditto

8362

Bop rock lichens with # 8361

||

ditto

8363

Bop rock lichens with # 8361

||

ditto

8364

Bop rock lichens with # 8361

||

ditto

Top bark lichens from  
chestnut oak and hickory on  
High Point Cliffs.

8365

(1)

Bull Run Mt., Va  
Fauquier Co  
January 12, 1941  
H.A. Allard.

8366 Top bark lichens from chestnut oak  
and hickory with # 8365

(1)

ditto

8367 Fruticose (small) lichen  
on High Point Cliffs, pure.

(1)

Bull Run Mt., Va  
Fauquier Co  
January 19, 1941  
H.A. Allard.

8368 Single species lichen on cliffs  
at High Point.

(1)

ditto

8369 Top bark lichens on Quercus montana

(1)

ditto

8370 Top rock lichens from High Point

(1)

ditto

8371 Top rock lichens near # 8370

(1)

ditto

Top rock lichens from  
High Point Cliffs.

8372

(1)

Bull Run Mt., Va  
Fauquier Co  
January 19, 1941  
H.A. Allard.

8373

(1)

one Top rock lichen  
from High Point Cliffs.

Bull Run Mt., Va  
Fauquier Co  
January 26, 1941  
H.A. Allard.

8374

(1)

Top bark lichens from  
chestnut oaks, west slope  
at foot of cliffs at High Point Cliffs

ditto.

8375

(1)

Small top lichens  
High Point Cliffs.

ditto

8376

(1)

Top moss at base of  
tree near # 8374

ditto

8377

(1)

Hepatic near # 8374

ditto

8378

(1)

Cladonia on bark at  
base of tree at top of High  
Point Cliffs.

Bull Run Mt., Va  
Fauquier Co.  
H.A. Allard  
Feb. 2, 1941

Bop rock lichens from  
High Point cliffs

8379

||

Bull Run Mt., Va  
Fauquier Co  
Feb. 2, 1941  
H.A. Allard

Bop rock lichens -  
with #8385

8386

||

Bull Run Mt., Va  
Prince William Co  
Feb. 9, 1941  
H.A. Allard  
North of Hagerell Gap.

8380 Bark lichens from dead oak  
|| near #8379 and pine. ditto

8381 Bop very fine gray lichens on rocks  
|| at High Point. Colonies nearly pure ditto

8382 Bop rock lichens with #8379  
|| ditto

8383 *Cladonia*  
|| on bare soil on old barn.  
in woods on east slope of ridge  
for N. west of Chestnut tree spring.  
C. grayi f. atterrans *Asabina*  
|| organic acid + P<sub>2</sub> - Bull Run Mt., Va  
Prince William Co  
North of Hagerell Gap.  
Feb. 9, 1941  
H.A. Allard.

8384 *Cladonia coniocraea* f. *ceratodes* (Flörke) Wain  
|| growing beside #8383 ditto

8385 Bop of 3 bark lichens  
|| on trunk near ground of large red  
oak tree on ridge & ledge just south of  
Harris's place - near white rocks (east escarpment) ditto

8387 Large top rock lichens.  
|| On middle ridge of Chestnut tree spring and  
white rocks. ridge east escarpment  
near Harris's place. ditto

8388 Bop rock lichens.  
|| from High Point cliffs ditto

8388A = *Sclerocinnamomum* (Tr.)  
on *Quercus montana* Feb. 9, 1941.  
8389 Bop rock lichens from High Point/diffe ditto

8390 ♀ cup *Cladonia* with 8388  
|| in moss on rock shelf. ditto

8391 Rock lichens  
|| from low rocks  
and boulders in  
deciduous woods Bull Run Mt., Va  
Prince William Co.  
on slopes west of  
Catlett's Branch  
2 1/4 miles north of  
Berkeley Mill, below  
High Point cliffs,  
east slope, March 23, 1941  
H.A. Allard.

8392 Rock lichens.  
(one bop.) with #8391. ditto

Pop rock lichens on  
large rocks and boulders  
isolated in deciduous  
8393 woods.

U1

Bull Run Mt., Va.  
Prince William Co.  
2 miles north of Beverly Mill  
on slope west of Catletts  
Branch below High Point  
on east slope; March 23, 1941  
H.A. Allard.

8394 Pop rock lichens with #8393  
(one)

ditto

8395 Pop rock lichens with 8393  
U1

ditto

8396 Pop rock lichens with 8393  
U1

ditto

8397 Hepatic in deep ridges (crevices)  
U1 of oak(?) near #8393,

ditto

8398 Pop cladonias: on bare soil  
U1 on wood road bank beside  
Catletts Branch.

ditto

8399 Pop cladonias with #8398  
U1 one with red apothecia and  
very squamulose = C. coccinea,  
f. squamulosa

ditto

Pop bark lichens on  
deciduous oaks mostly;  
near 8393,  
8400

U1

Bull Run Mt., Va.  
Prince William Co.,  
March 23, 1941,  
H.A. Allard.

on east slope of High  
Point, midway between  
that and Catletts Branch  
2 miles  $\frac{1}{4}$  north of Beverly  
Mill.

8401 Pop bark lichens.  
U1

Bull Run Mt., Va.  
Fauquier Co.  
from cliffs on short  
ridge S. of High  
Brownridge field  
S. of Hoferell Gap.  
3-30-41  
H.A. Allard

8402

U1 one pop rock lichens with #8401

8403 One pop rock lichens with 8401  
U1

ditto

ditto

8404 Pop lichens on soil and dead sticks  
U1 in wet ravine just S. of Riley's cabin ditto  
S. of Hoferell Gap. Still green -  
Parmelia.

8405 Peltigera on soil and dead wood  
U1 with #8404 - in wet soil  
near Shunk's Cabbage ground.

ditto

8406 Cladonia on soil (naked) in heavy  
woods west slope of short ridge just S.  
of Hoferell Gap and High Brownridge field  
from head.

ditto

Moss on dead wood in woods near Bull Run Mt., Va  
slope S. of Hagerell Gap and south of High Womledge field.

8407

(1)

Bull Run Mt., Va  
Fauquier Co  
3-30-1941  
H.A. Allard,  
S. of Hagerell Gap  
on short ridge  
S. of High Wom-  
ledge field.

8408 Sop rock lichens from  
diffs just south of High Point  
on same ridge

Bull Run Mt., Va  
Fauquier Co  
April 6, 1941  
H.A. Allard,

8409 Sop rock lichens with #8408

(1)

ditto  
4-6-41

8410 Cladonia

(1) On soil on bank on road  
road leading from Beresh, Mill  
to High Point (in snail farm area)

Int. Prince William Co

8411 Cladonia

(1) with #8410

Ex. C. apodocarpa as  
squammules this?

ditto

8412 Cladonia with #8410

(1) Very squammulose

ditto

8413 Cladonia with 8411

(1) Same thing.

ditto

(1) Sop Cladonia with  
#8410

8414

(1)

Bull Run Mt., Va  
Prince William Co  
April 6, 1941  
H.A. Allard

8415 Moss on rock  
near #8410 -

(1)

ditto

8416 Cladonia with #8410

(1)

ditto

8417 Cladonia with #8410.

(1)

ditto

8418 Rock lichen at High Point cliffs

(1)

Fauquier  
4-6-41 Co

8419 Rock lichen with #8418

(1)

ditto

8420 Sop bark lichens  
from mostly chestnut oak  
at High Point cliffs

(1)

ditto

Bog bark lichens  
mostly from chestnut oak  
at foot of cliffs.  
8421  
" "  
Bull Run Mt., Va  
Tangier Co  
High Point cliffs.  
April 6, 1941  
H.A. Allard.

8422 Moss. On rocks in woods  
" " west slope below High Point.  
" " in fruit. ditto

8423 Peltigera. On soil near # 8422  
" " ditto

8424 Umbilicaria  
" " On rock faces at High Point ditto

8425 Gyrophora. On rocks with  
" " # 8424 at High Point cliffs ditto

8426 Bog bark lichens Bull Run Mt., Va  
" " on ridge west of alluvial Prince William Co.  
and chestnut tree spring. April 13, 1941  
H.A. Allard  
N. of Hopewell Gap road  
with thicket.

8427 Bog bark lichens  
" " at base of chestnut oak on top of ridge  
with # 8426.

Populus grandidentata Michx. Bull Run Mt., Va  
6 staminate; one pistillate. Prince William Co  
on ridge west of chestnut north of Hopewell Gap  
8428 tree spring 1 mile from 1 mile  
" (17) Hopewell Gap highway. 4-13-41  
one pistillate tree only, H.A. Allard,  
in 40-50 staminate; full bloom.

8429 Moss at base of large tree  
" " in Jackson Hollow along Catharpin creek ditto

8430 Liverwort on wet soil (in fruit)  
" " near # 8429 by spring. More deep ditto  
eroded road way is, N. of Hopewell Gap 1 1/2 mi.

8431 Moss & liverwort  
" " on wet soil with # 8430 ditto

8432 Red liverwort on roadside bank  
" " near # 8430 ditto

8433 Liverwort in wet soil (in fruit)  
" " near # 8430. ditto  
same species.

8434 Red hepatic near # 8432.  
" " ditto

Moss on moist bank  
of deeply eroded road in  
woods along Gatharpin creek.  
8435 in Jackson Hollow. 1 1/2 mi.  
Bull Run Mt., Va  
Prince William Co  
North of Hoperell Bay  
April 13, 1941  
H.A. Allard.

8436 Moss - Near # 8435 on wet soil ditto  
(1)

8437 Sphagnum. On damp soil near  
(1) # 8435 - where road is badly eroded ditto  
and wet.

8438 Liverwort covering wet rocks ditto  
(1) in cold brook flowing into  
road way near # 8435

8439 Chrysosplenium americanum Schrein. ditto  
(3) In cold brook and mud in Jackson  
Hollow near old cabin where Riley's once  
lived below Harris quarry; water 51°-52° F.  
as det. by Taylor Binoc.

8440 Liverwort in fruit on moist  
(1) soil near # 8435; abundant here. ditto  
Ribbon-like, thin  
Pallasissimia?

8441 Ranunculus abortivus L. allard's garden  
(1) allard's garden: April 18, 1941, 4-18-41  
H.A. Allard  
Arlington Co.

Cobelia bursa-pastoris  
(bairy farm)

8442  
(1)

allard's garden,  
Arlington Co.  
4-18-41  
H.A. Allard.

8443 Rust on Sapiroga virginicus Bull Run Mt. Va  
(1) = Prince William Co  
on leaves on a number of plants near  
beaver light in cleared area north of Hoperell Bay  
6 miles. Not abundant. dark brown, moss  
yellowing of leaves: new to Va; first record.  
8444 (will of slope near tower)

(6) Carex. On cleared area from  
high way to beaver light; abundant ditto  
= C. pennsylvanicus Lam.

8445 Viola sagittata Ait. ditto  
(1) (petals purple) blue-  
near beaver tower with # 8444

8446 Viola pedata var. lineariloba ditto  
(3) with # 8443 - all way to tower;  
both color forms abundant.

8447 Viola pedata L. ditto  
(3) (lower petals dark black purple  
with # 8446; abundant.

8448 Viola (bearded) ditto  
(1) leaves incised or lobed at base.  
Near # 8444; abundant  
= V. triloba Schrein.

*Viola* - blue, bearded Bull Run Mt., Va.  
= *Viola sororia* Willd. Prince William Co.  
N. of Hagerell Bay 6 mi.  
8449 April 20, 1941  
H.A. Allard,  
In clearing to beaver tower.

8450 *Saxifraga virginiana* Michx.  
" with # 8449; abundant; full bloom. ditto

8451 *Quercus marilandica* Muench  
" at top of ridge at beaver tower ditto  
near # 8449; full flower; abundant.

8452 *Silene pennsylvanica* (Michx.) Clancy  
" with # 8449; very abundant all day up; whitish to pink; very viscid pubescent; full bloom. ditto  
= *S. caroliniana* var. *pennsylvanica* (Michx.) Clausen.

8453 *Gutierrezia plantaginifolia* (L.) Richards  
" ♀ + ♂ ditto  
with # 8449; abundant.

8454 *Potentilla canadensis* L. var. *typica* Torr.  
" var. *argyræa* Torr. ditto  
" with # 8449 all way to tower; abundant; full bloom.

8455 *Vaccinium corymbosum* L.  
" var. *atrovaccinum* Gray ditto  
In red soil by little brook below beaver tower near # 8449. Bush 8-10 ft tall.

*Anemone* *Thalictrifolia* Bull Run Mt., Va.  
In clearing leading to (L.S.P.) Park Prince William Co.  
aeromantis tower April 20, 1941  
8456 N. of Hagerell Bay H.A. Allard,  
" full bloom; abundant.

8457 Moss.  
" In water on rocks below ditto  
tower in little brook from spring, crossing clearing.

8458 *Viola papilionacea* Pursh  
" (7) allard's house  
In flower everywhere. Lyon Park grounds  
and the only violet here. Arlington Co., Va.  
shredded petals here, April 24, 1941  
with out hairs. Full bloom  
eye white; sepals white margined; petals violet blue.

8459 *Taraxacum helveticum* (L.) Lam. & DC. ditto  
" (4) var. *vulgare* (Lam.) Torr.  
On the lawn here; in full bloom.

8460 *Carex blanda* Desv. Bull Run Mt., Va.  
" in open ground April 27, 1941.  
just below Beverly Mill in flood plain.  
Early in ground. Bull Run, left bank  
as it flows, below  
Beverly Mill or Triassic

8461 *Cardamine* *sp.* as it flows, below  
Beverly Mill or Triassic  
very tuberculent for two miles  
one disjunct 2 miles below Beverly  
Not quite in anthesis. Schref. & S.P.

8462 *Viola eriocarpa* Schumacher  
" (3) caps. mostly; plants mostly glabrous. ditto  
Near # 8461; full bloom.

- Viola papilionacea* Pursh. Bull Run Mt., Va.  
Prince William Co.  
along the creek  
throughout: full bloom April 27, 1941.  
On flood plain of  
Broad Run below  
Beverly Mill on  
Triassic left bank  
as at flood.
- 8463 (4) spurred petal nearly  
a quill with hairs.  
eye white; color of  
petals deep violet  
M. Erlanson, for National Arboretum (Herbarium)
- 8464 *Viola papilionacea* Pursh  
(4) Near NO 8463. ditto  
spurred petal more or less  
hairy; eye white; petals deep violet
- 8465 *Arisaema atrorubens* f. *viride* (Engelm.) Fern.  
8465b = *A. atrorubens* f. *viride* (Engelm.) Fern. = faint  
spathe and plant uniform  
green color. Near rapids where  
shaded across - 1 1/2 miles down.  
ditto
- 8465A - abundant. Leaves not glaucous.  
*A. atrorubens* f. *viridulum* (Sims.) Fern.
- 8466 *Arisaema atrorubens* (Ait.) Blume. *Priniphyllis*  
see notes  
brunt. spathe purple black, as well as  
inside of flower. Beside # 8465,  
and abundant. No glaucous condition  
on plants.
- 8467 *Vicia angustifolia* Reichard.  
(3) Flowers deep rose. ditto  
On flood plain throughout, here;  
full bloom.
- 8468 *Cerastium nutans* Raf.  
(4) Near # 8467; scattered ditto
- 8469 *Claytonia virginica* L.  
(1) Near # 8467; very abundant, full bloom ditto

- Erythronium americanum* Ker. Bull Run Mt., Va.  
Prince William Co.  
with # 8467 etc; very April 27, 1941.  
H. A. Allard
- (2) 8470 abundant, past  
flower; capsule on flood plain  
full young, truncate, Broad Run on Triassic  
ad apex, with very obtuse below Beverly Mill,  
angles, falling over left bank down  
into the leafage, due to weak peduncles.
- 8471 *Glechoma hederacea* L.  
var. *parviflora* (Benth.) House.  
with # 8467: abundant, full bloom ditto
- 8472 *Plantago virginica* L.  
(1) In dry pasture near Beverly Mill ditto.  
on right bank near New Baltimore  
highway. Just in flower, (a few)
- 8473 *Antennaria neglecta* Greene. ditto  
(3) staminate and pistillate. Very  
abundant in dry pasture near # 8472
- 8474 *Eleocharis tenuis* (Willd.) Schultes  
(1) In over place from spring in ditto  
pasture near # 8472 and 8473.
- 8475 *Veronica serpyllifolia* L.  
(1) In dry ground in pasture ditto  
near # 8472
- (1) 8476 *Veronica arvensis* L.  
In pasture near # 8473 ditto.
- ♡

8477 *Lupinus peregrinus* L. Bull Run Mt., Va.  
Fauquier Co.  
on dry rocks banks  
by railroad N. of  
Bererly Mill where  
burned last year 1940; full bloom,  
abundant, very showy. H.A. Allard,  
April 27, 1941

8478 *Clematis (Viorna) ochroleuca* Nutt.  
on same slope near # 8477 ditto  
full bloom.

8479 *Luzula echinata* (Small) Hervey  
Near Spouting Spring  
north of Bererly Mill in  
woods ditto

8480 *Silene caroliniana* var. *pennsylvanica* (Michx.)  
var. *virginica*. ditto  
calyx glandular pubescent  
with # 8478: abundant, full  
bloom here.

8481 *Asarum canadense* Bickn.  
on flood plain below  
Bererly Mill, left bank  
down: abundant, full bloom ditto  
4-27-41

8482 *Barbarea verna* (Mill.) Asch.  
with # 8481 ditto

8483 *Barbarea* ~~Ranunculus~~  
with 8482 *lulbasus* L ditto

*Viola*. Bull Run Mt., Va.  
Roadside N. of Bererly  
Mill on U.S. # 55, Fauquier Co.  
April 27, 1941  
8484 violet blue petals. H.A. Allard.  
VI = *Viola sagittata* Nutt.  
var. *ovata* (Nutt.) T. & G.

8485 *Viola papilionacea* Pursh ditto  
Near # 8484, in open field  
across # 55 beside Broad Run Creek.  
petals violet blue; white eye; few or  
no hairs on spurred petal; sepals with white  
margin.

8486 *V. papilionacea* Pursh.  
Roadside near # 8484 ditto  
same characteristics as # 8485  
Lansen.

8487 *Thlaspi arvense* L  
along railroad at road above Bererly Mill, ditto  
where locally abundant; setting rods. None  
found it only here.

8488 *Mass*  
In Spouting Spring; temp 52° F. ditto

8489 *Aralia nudicaulis* L ditto  
on rocky slope just above  
Spouting Spring above Bererly Mill;  
Full bloom.

8490 *Viola papilionacea* Pursh. ditto  
Below Bererly Mill  
on Broad Run flood  
plain. Some hairs on spurred petal;  
otherwise like # 8484. Prince William  
Co. Triassic.

*Viola papilionacea* Pursh. Bull Run Mt., Va.  
Prince William Co.  
petals violet blue; spurred April 27, 1941  
8491 ~~with much hairiness~~ H.A. Allard.  
sepals white margined; eye white; otherwise  
(2) like #8463 beside which it grows.

8492 ~~*Leaves of *guttulata**~~ *abortiva* L. ditto  
(2) ~~*Euphorbia americana*~~ *var. typicus* Torr. Prince William Co.  
on flood plain of Broad Run below Bererly Mill.  
Abundant; full bloom.

8493 *Barbarea vulgaris* R. Br. ditto  
(1) ~~west~~ south side (down) of Broad Run  
Creek below Bererly Mill  $1\frac{1}{2}$  miles  
in old pasture; common, full bloom.

8494 ~~*Mahonia repens*~~ *neglecta* Walbr. Bull Run Mt., Va.  
(3) at Bererly Mill, therefore ~~of~~ Prince William Co.  
in waste pond; full bloom. May 4, 1941  
H.A. Allard.

8495 *Lepidium campestre* (L.) R. Br. ditto  
(2) waste ground with #8494  
abundant; full bloom.

8496 *Pyrus (aronia) arbutifolia* (L.) M. B. ditto  
(2) on rocks back of Bererly Mill;  
further down full bloom, very showy  
(red fruit)

8497 *Euphorbia obtusata* Pursh ditto  
(3) Below Bererly Mill on flood plain;  
down Broad Run on Triassic;  
very abundant.

*Cardamine hirsuta* (Schreb.) B.S.P. Bull Run Mt., Va.  
(1) (interfused) in bloom. Prince William Co.  
1 mile down Broad Run. May 4, 1941  
8498 *Triassic* H.A. Allard.  
(2) Pale, corolla from calyx 7 mm long,  
white.

8499 *Hydrophyllum virginianum* L. ditto  
(1) Extremely abundant all along  
Broad Run - in pure stands  
after -  $\frac{1}{2}$  miles down.

8500 Red clover *Trifolium pratense* L. ditto  
(3) Note hairy back nearly glabrous forms  
2 miles down Broad Run  
in pasture.

8501 *Carex blanda* Dewey. ditto  
with #8500

8502 *Cyperaceae - Carex* <sup>schk.</sup> ~~8502~~ ditto  
with #8500.

8502 a. *Cyperaceae - Carex* <sup>schk.</sup> ditto  
Near #8502.

8503 *Barbarea verna* (Mill.) Asch. ditto  
(1) Near #8500; fully bloomed, and  
everywhere in fields etc.

8504 *Veronica arvensis* L. ditto  
(2) In old pasture 2 miles  
down near #8500; abundant.

*Ulmus fulva* Michx Bull Run Mt., Va  
2 miles down Broad Run Prince William Co  
left bank down; in fruit. May 4, 1941  
H.A. Allard.  
8505  
(2)

8506 *Asimina triloba* Dunal ditto  
(2) 2 miles down Broad Run  
on flood plain near conglomerate  
outcrop; very abundant, full bloom.

8507 *Alliaria officinalis* Andry ditto  
(3) Near # 8506, and elsewhere  
on Broad Run; abundant locally  
in large colonies; in full bloom.

8508 *Platanus occidentalis* L ditto  
(3) Near # 8505, along Broad Run  
Very hairy when young)

8509 *Viburnum pumilium* L ditto  
(3) On Broad Run near # 8507  
in full bloom; very showy.

8510 *Aquilegia canadensis* L. ditto  
(1) on steep shale outcrops 2 1/2 miles  
down Broad Run; full bloom,  
a few plants.

8511 *Silene caroliniana* var. <sup>with pennsylvanica</sup> ~~virginica~~ (Michx) Clausen ditto  
(2) on dry wooded bank above # 8510;  
abundant, full bloom; very deep pink here.

*Gigita cordata* (Michx) ~~DC.~~ Bull Run Mt., Va  
after a (gray) terr. Prince William Co  
on dry woodland bank May 4, 1941  
2 1/2 miles down H.A. Allard  
8512 Broad Run near  
3 # 8511; abundant here; full bloom.

8513 Umbelliferae = *Thaspium barbinode* ditto  
(2) with # 8512  
abundant here; full bloom. (Michx) Nutt.

8514 *Hydrophyllum virginianum* L ditto  
(3) 2 1/2 miles down Broad Run  
left bank.

8515 *Viola canadensis* L ditto  
(4) On right bank of Broad Run  
2 1/2 miles down - on flood plain,  
where very abundant; in full bloom.  
bl. white; lat. petals; bearded; spurred petal  
with line.

8516 *Hydrophyllum virginianum* L ditto  
(2) Near # 8515; abundant and  
just in bloom; much visited by  
bumble bees.

8517 *Allium canadense* L ditto  
(3) Growing with # 8515; a large  
colony here; no flowers, but heads  
rupturing & exposing bulbils; my first  
Bull Run record.

8518 *Salix nigra* Marsh. ditto  
(4) 2 miles down Broad Run  
left bank in red gravel.  
(♂ and ♀)

*Populus nigra* L. Bull Run Mt., Va  
Huge tree near # 8518 Prince William Co  
on left bank 2 miles May 4, 1941  
8519 down Broad Run; H.A. Allard.  
3 1/2 feet in diameter (42 inches)  
Virginia Fougus  
(see Tidestrom's treatment Rhodora 16: 208, 1914.)

8520 *Stephylea trifoliata* L. ditto  
(3) a colony near # 8519  
in full bloom; my first Bull Run record.

8521 *Acerum canadense* L. ditto  
(2) on steep slopes at conglomerate  
outcrop, 1 mile down Broad Run,  
left bank; full bloom; calyx lobes  
reflexed.

8522 *Thapsus pennsylvanicus* Marsh ditto  
(2) Near # 8521.

8523 *Rhododendron* *var. glandulosum* (Porter) Rehd. ditto  
(2) In open pine woods near  
# 600 1/2 mile south of Bererly; ditto  
full bloom.

8524 *Geranium carolinianum* Traugott ditto  
(1) at Bererly Mill, in waste ground.  
*var. confertiflorum* Fern.

8525 *Oxalis violacea* L. Prince William Co ditto  
(1) 1/2 mile down Broad Run below  
Bererly Mill on dry bank where we ate;  
Full bloom: abundant on flood plain.

*Veronica serpyllifolia* L. Bull Run Mt., Va  
In pasture on Broad Run Prince William Co  
left bank 1 1/2 miles below Bererly Mill. May 4, 1941  
8526 H.A. Allard  
" "

8527 *Euphorbia obtusata* Pursh. ditto  
" Near # 8526; abundant all  
down Broad Run.

8528 *Lepidium campestre* (L.) R.Br. ditto  
" Beside # 8526; very abundant;  
full bloom.

8529 Cruciferae ditto  
" Near # 8528  
= *Sisymbrium officinale* (L.) Scop.  
*var. leucocarpum* D.C.

8530 *Parthenocissus quinquefolia* (L.) Planch. ditto  
(2) (glabrous var.)  
2 1/2 miles below Bererly Mill on  
flood plain of Broad Run.  
glabrous var. more abundant.

8531 *Viburnum prunifolium* L. ditto  
(2) Near # 8530; abundant;  
very showy and in full bloom.

8532 Graminae ditto  
" On steep wooded bank below  
shale outcrop 2 1/2 miles below  
Bererly Mill, left bank  
= *Poa cuspidata* Nutt.

*Euphorbia obtusata* Pursh. Bull Run Mt., Va  
on flood plain 2 1/2 miles below Prince William Co  
Bererly Mill on Broad Run May 4, 1941  
8533 Very abundant. H.A. Allard.  
31

8534 *Hydrophyllum virginianum* L. ditto  
(31) Near # 8533; large areas in  
flower stand just in bloom; see Ht for  
May 4, 1941

8535 *Selinum afarinum* L. ditto  
(11) Near # 8533; very abundant,  
just in flower

8536 *Celtis occidentalis* L. var. *canina* (Raf.) Sarg. ditto  
(3) On bank of Broad Run Creek  
2 miles below Bererly Mill - where  
first extensive open pasture begins -

8537 *Houstonia caerulea* L. ditto  
(11) 1/2 miles below Bererly Mill,  
on bank of Broad Run, opposite  
bank from 8520, where I would expect to  
find the plants; full bloom, white.

8538 *Oenothera longistylis* Allard's garden, ditto  
(15) var. *trachycome* Blake (Torr.) Arlington Co.,  
May 5, 1941 H.A. Allard

8539 *Oenothera longistylis* (Torr.) DC. ditto  
(4) Growing everywhere beside # 8538;  
hairiness variable; some glabrous  
and even glaucous; full bloom.

*Euphorbia obtusata* Pursh Bull Run Mt., Va  
on waste ground at May 4, 1941  
Bererly Mill, Fauquier Co.,  
H.A. Allard.

8540

8540A. (1) Top rock lichens on Triassic sand stones and shales ditto  
(11) 2 1/2 miles down Broad Run below Bererly Mill  
8540B. with # 8540A = limestone on rocks here.

8541 *Carex cephalophora* Michx. ditto  
(11) 2.2. Too immature. Arlington Co.,  
May 4, 1941  
H.A. Allard  
Beside side walk  
in front of

8542 *Lepidium densiflorum* Schrad. var. *tyhiense* (Thell.) ditto  
(2) (basal leaves deeply pinnatifid, dry soil in yard where Culpeper Co.,  
no marked, 1/2 mile May 11, 1941  
from Mt. Capital H.A. Allard

8543 *Carex glaucoidea* Tuckerman ditto  
(1) on old railroad bank  
beyond # 8542 - 1/2 mile toward quarries

8544 *Sisyrinchium mucronatum* Michx. ditto  
(1) Near # 8543

(1) full bloom, very showy all along  
old railroad to turn to mt.

8545 *Scleria Carex panicea* Bicknell ditto  
(11) Near # 8542

8546 *Polygonatum commutatum* (Raf.) DC. ditto  
(1) Near # 8543 - large colony  
almost in cinders; full bloom.

Oxalised.  
along railroad cinder (The Twins)  
spur running to quarry. Culbutter Co.  
May 11, 1941  
H.A. Allard,

8547

(2)

8548 *Carephirontella* Mack.

(1) Near # 8547

ditto

8549 *Carex pilulifera* Muhl.

(1) Near # 8547  
on top of flat rock second peak  
where we ate.

ditto

8550 *Viola*

(1) with # 8547

ditto

8551 *Nuphar*

(1) In pool near quarry on Buzzard  
Mt.; full bloom.  
2 leaves  
1 fl.

ditto

8552 *Euphorbia*

(1) Near # 8551 - on old rail road bank.

ditto

8553 *Euphorbia*

(1) Near # 8552

ditto

*Rubus allegheniensis* Poir. Buzzard Mt., Va.  
On high rock, diapase (The Twins)  
near top of first peak; May 11, 1941  
full bloom. H.A. Allard

8554

(1) *primocane* (No glandular pubescence)  
(2) *floricanes* (velvety pub. beneath leaves)

8555 *Scleria oligantha* Michx.

with # 8548 - just beyond  
new house where we parked.  
on railroad bank.

ditto

8556 *Clematis ochroleuca* Ait.

(1) at top of first peak near #  
8554; (past flower; in flower  
at foot in woods.

ditto

8557 *Graminella-stipa venacea* L.

at top near # 8556  
(Fruit like rats; abundant  
in open sunny situations in woods,  
just flowering.)

ditto

8558 *Scleria oligantha* Michx.

(2) In woods near top near  
# 8556 (east slope)

ditto

8559 *Tripsacis pennsylvanica* Marsh.

(2) at top near # 8554

ditto

8560 *Veronica*

(1) on flat rock on easternmost  
peak at top, where a soil core  
of black, light plumes soil of bitches.  
We ate on this rock, and 8560, 8562, 8563, 8564,  
8565, given here. 8574.

ditto

*Carex cephalophora* Muhlb. Buzzard Mt., Va.  
near (The Trine)  
on flat rock with ~~8560~~ Culpepper Co.,  
where we ate - on further peak May 11, 1941  
near 8561 at top; abundant, green  
Rock we ate on nearby. H.A. Allard,  
11

8562 *Rosa*

11 on same flat rock with # 8560; vigorous ditto  
abundant, green; soil very shallow - colony.  
5-6 in deep - see H.A.

8563 *Cheilanthes lanuginosa*

11 on same flat rock with 8560; large ditto  
but mostly dried from drought colony.

8564 *Barbarea*

11 On same rock with # 8560; in seed;  
vigorous. ditto

8565 *Carex* where we ate  
11 on flat rock in thin soil ditto  
near # 8560. see H.A. of soil.  
= *Carex cephalophora* Muhlb.

8566 *Small crucifer*

on same rock with # ~~8565~~ 8561: vigorous, ditto

8567 *Commelina*

11 on same flat rock with # ~~8565~~ 8561

Vitis 8561

Near # ~~8560~~; full  
bloom; very fragrant.

8568

(3)

Buzzard Mt., Va.  
(The Trine)  
May 11, 1941

(Culpepper Co.)

H.A. Allard

8569 *Parthenocissus quinquefolia* (L.) ditto  
11 Near # 8568, branch

8570 *Senecio americana* L

11 In rock crevice on top ditto  
flat rock near # 8568; just in bloom.  
var.

8571 *Carya glabra* (Mill.) Sweet.

Near # 8568.

ditto

(very abundant in these woods.)

8572 *Fraxinus*

11 Near # 8568

ditto

8573 *Parthenocissus quinquefolia*

(3) from *hirsuta* (Donny.) Fern. ditto  
on rocks of second peak west  
slope, in woods.

8574 *Galium aparine* L

11 var. *virgatum* (DC.) Koch ditto  
Top of flat rock with ~~8560~~ 8560.

Panicum. On dry railroad Buzzard Mt., Va  
embankment just beyond Culpheffer Co.  
where we parked car in moss May 11, 1941  
8575 yard; level area before H.A. Allard.  
(2) reaching slope of mt.

8576 Gramineae  
" In thin woods in sag or valley  
between the two peaks.

8577 Gramineae  
" with # 8576

8578 Panicum  
" with # 8576

8579 Gramineae  
(2) with # 8576

8580 Gramineae  
" at top of first peak above  
quarries in dry sunny open situation.

8581 Panicum  
" with # 8580

On dry, open woods at  
top of first peak above  
8582 Gramineae.  
(2)

8583 Panicum  
" Near # 8575

8584 Carex blanda Desv.  
" In woods on east slope of  
1st peak; found as we returned  
across valley from 2nd peak.

8585 Scleria oligantha Michx.  
" Near # 8584.

Carex hirsutella Mack.  
8586 on dry under railroad  
" bed below quarries

8587 On dry rocky soil  
" on first peak above quarries.  
Carex muhlenbergii Schumbr.  
var. exilis Boott.

8588 Carex cephalotheca Muhl.  
" In rocky soil at top of first ditto  
peak.

Buzzard Mt., Va  
Culpheffer Co.  
May 11, 1941  
H.A. Allard.

*Carex lasiocarpa* Lamour. Buzzard Mt., Va  
On flat rock below where Culpepper Co  
we ate on second peak, May 11, 1941  
8589 covered with thin H.A. Allard  
2) soil.  
= *Carex nigromarginata* Schreb.

8590 *Carex cephalophora* Muhl.  
" on same rock with # 8589 ditto

8591 *Galium*  
12) (fruit smooth) leaves in 4's  
along road just below abandoned  
summer cottage below quarries ditto

8592 *Oxalis*  
" young leaves bluish white with  
matted hair - stems hairy ditto  
(with # 8589)

8593 *Plantago virginica* L.  
" on flat rock where we ate - 2nd peak, ditto  
beside 8560: a few plants.

8594 one hop lichens from rocks  
" on Buzzard Mt. ditto

8595 *Carex lasiocarpa* Lamour  
" in dry soil on top of first peak ditto  
with 8556

*Lunularia perfoliata* Buzzard Mt., Va  
(The Twins)  
Beside spur railroad Culpepper Co  
8596 leading to quarries May 11, 1941  
" and flower. H.A. Allard.

8597 *Rubus frondosus* Bigel. Allard's garden  
" common form Arlington Co., Va  
around this vicinity May 14, 1941  
canes strongly arching; no glandular pubescence. H.A. Allard

8598 *Euchesma indica* (Andr.) Focke. Allard's garden  
12) along ditch near S.W. corner of garden Arlington  
fl. yellow; a colony ditto  
(Has recently appeared) Arlington Co., Va  
May 15, 1941

8599 *Sanicula*  
" very abundant in shade below ditto  
turtle pen; full bloom; fl. yellowish green.

8600 *Plantago lanceolata* L. Bull Run Mt., Va  
" Roadside on # 600 Tranquien Co  
below Castello's house. May 18, 1941  
H.A. Allard.

8601 *Rubus allegheniensis* Porter  
3 primocanes  
3 floricanes Roadside turning north past  
white rocks at Hapelhell; past fl. mostly  
(glandular pedicels). Erect or slightly arching.  
Earlier flowering than other species here. ditto

8602 *Rubus frondosus* Bigel.  
Near # 860 roadside beyond:  
full bloom; very arching; like exim  
trailing ground. Petals broad; hairy pedicels  
only. ditto

*Nyssa sylvatica* Marsh  
var. *typica* Torr.  
In pasture below white  
rocks

8603 Doesn't break at this  
var. *typica* Torr.

Bull Run Mt., Va  
Fauquier Co.  
May 18, 1941  
H.A. Allard  
North of Hopewell  
just along white rocks  
ridge to road way  
west.

8604 ~~*Nyssa*~~ *Ceraatum*  
*viscosum* L.  
Roadside below Castello's  
house. ditto

8605 ~~*Nyssa*~~ *Viburnum dentatum* L.  
Roadside near Castello's  
on #600, none in bloom here;  
in full bloom at Wash. D.C. ditto

8606 ~~*Nyssa*~~  
Low running dense fern  
Pasture near  
Roadside #600 below Castello's  
Full bloom. = *Rubus flagellaris* Willd. ditto

8607 ~~*Nyssa*~~ *Veronica pinnatifida* L. ditto  
(1) Ditch bank near Hopewell  
in pasture north of #600.

8608 *Nyssa sylvatica* Marsh  
(1) var. *typica* Torr.  
Twigs don't break when bent at  
right angles. var. *typica* Torr. ditto

8609 *Parthenocissus quinquefolia* L. ditto  
(1) f. *hirsuta* (Dorn.) Torr.  
on rocks below white rocks.  
(Hairy leaflets beneath) but variable in  
quantity

*Vitis aestivalis* Michx.  
on edge of nest just east of  
white rocks and higher.  
8610  
(2)

Bull Run Mt., Va  
Fauquier Co.  
May 18, 1941  
H.A. Allard  
North of Hopewell just on  
white rocks ridge. ditto

8611 *Vitis aestivalis* Michx. ditto  
(1) with #8610

8612 ~~*Vitis*~~ *Siscorea glauca* Muhl. ditto  
(1 9 2 3) (3) with #8610

8613 ~~*Vitis*~~ *Vaccinium stamineum* L. ditto  
(2) with #8610  
Full bloom.

8614 *Sassafras albidum* (Mill.) Rees. ditto  
(3) Near #8610 var. *molle* (Raf.) Torr.  
(Very hairy beneath)

8615 *Amelanchier canadensis* (L.) Medic. ditto  
(3) Near #8610.  
(Large green fruits only)

8616 *Hemlockia pubescens* Pursh. ditto  
(1) (more in flower) var. *typica* Roemerh.  
with #8610. glandular only; stamens much exerted. Labela.  
bl. regular.

~~Oxalis~~  
on white rocks ridge. Bull Run Mt., Va  
Co  
May 18, 1941  
H.A. Allard.  
8617 (1) Hairy, but not  
glandiferous.  
Rhododendron nudiflorum (L.) Torr.

8618 Carex pennsylvanica Desv. ditto  
(1) Near white rocks, in woods.

8619 Geranium maculatum L. ditto  
(1) Near white rocks in woods.

8620 Smilax puberula Michx. ditto  
(1) In woods near white rocks. Prince William Co  
interior valley of Jackson. Near Harris' quarry.  
Hollow near Harris' quarry. long acuminate leaves, glaucous M. white.

8621 Kalnia latifolia L. ditto  
(2) Near # 8620 - by roadside on # 629.

8622 Veronica arvensis L. ditto  
Roadside near Harris' quarry  
on # 629

8623 Oxalis stricta L. ditto  
(1) (yellow) Roadside near Fauquier Co  
Happesville, north of # 600 -  
east of Mrs. Cox's home.  
Not abundant.

Gramineae  
In woods just west of  
white rocks. Bull Run Mt., Va  
Co  
May 18, 1941  
H.A. Allard.  
Fauquier Co.  
8624 (1) Panicum basii Poir  
8624 = Sphenopholis nitida (Spreng.) Scribn.

8625 Parthenocissus vitacea (L.) Planch. ditto  
(3) Near white rocks. Some hairs on upper surface  
leaflets only; none below.  
f. hirsuta (Pom.) Fern.

8626 Carex digitalis Schreb. ditto  
(1) In woods near # 8625

8627 Nyssa sylvatica var. typica Fern. ditto  
(2) Trigs merely tend at L. Some  
papilla beneath.

8628 Panicum ditto  
(2) On ledges just east of  
white rocks.

8629 Comandra umbellata (L.) Nutt. ditto  
(1) with # 8628; full flower.  
Roots deep down in crevices.

8630 Vitis aestivalis Michx. ditto  
(3) at ledges with 8628

*Nyssa sylvatica* <sup>Mantl</sup> var  
typica Fern.

Bull Run Mt., Va  
Fauquier Co  
May 18, 1941

- 8631 (Leaves very shining  
above; trigs break  
easily at L.S.; papillae beneath.  
at ledges east of White Rocks.

- 8632 *Rubus frondosus* Bigel. ditto  
with # 8631.  
canes arch to ground

- 8633 *Vitis rotundifolia* Michx. ditto  
with # 8631; not in flower.

- 8634 *Rubus occidentalis* L. ditto  
at ledges with # 8631; just in flower.  
abundant here where no competition.

- 8635 Gramineae ditto  
(2) In woods near # 8631  
*Sphenopholis nitida* (Spreng.) Scribn.

- 8636 *Carex virescens* Muhl. ditto  
In woods near White Rocks

- 8637 *Cerastium viscosum* L. ditto  
at Harris's gravies  
below Harris's house, in  
waste ground. Prince William Co

*Plantago lanceolata* Bull Run Mt., Va  
in waste ground at  
Harris's quarry Prince William Co  
May 18, 1941

- 8638 in Jackson Hallor ditto  
(2) Full flower; *P. major* not yet  
in flower.

- 8639 *Rubus frondosus* Bigel. ditto  
near # 8638

- 8640 *Opopanax Rhododendron multiflorum* L. Torr. ditto  
(1) Hairy; not glandular  
Roadside # 629 in Jackson  
Hallor beyond Harris's quarry.  
Past flower.

- 8641 *Carpinus caroliniana* Walt. ditto  
(1) In low ground near # 8640;  
fragment.

- 8642 *Anthemis anemoides* L. ditto  
(1) At Beverly Mill  
Thoroughfare Df. Fauquier Co  
(Full flower)

- 8643 *Sonchus asper* (L.) Hill. ditto  
(1) Allard's garden  
along ditch - Arlington Co. Va.  
May 18, 1941  
H.A. Allard

- 8644 *Parthenocissus quinquefolia* L. var. *typica* S. Linant ditto  
(3) at ledges east of  
White Rocks. A few hairs on  
undersurface of leaflets only.

Lichen, *Cladonia* 3,  
on limb on ground  
at Cetraria colonies

8645 This material just given to me (5-22-41)  
(1) by W. M. Diehl, hence out of date order,  
Pine: *P. rigida* or *P. virginiana*.

Short Mt., Va  
Shenandoah Co  
May 12, 1938  
W. M. Diehl

8646 Lichens on pine trigs ditto  
(1) near or on ground, with  
# 8645

8647 *Viburnum* ditto  
(1) This bush orig. in  
my garden, wild, in  
full bloom & passing here on May 22, 1941  
*V. dentatum* in front yard only in bud.  
H. A. Allard's garden  
Burlington  
Arlington Co., Va  
May 22, 1941  
H. A. Allard

8648 *Crataegus phaeopyrum* (L.) Redif ditto  
(3) Large trees full bloom in my  
garden; originally from seed by me.

8649 *Anemone arvensis* L. ditto  
waste ground at Berry Mill  
Bull Run Mt., Va  
Fauquier Co.  
May 25, 1941  
H. A. Allard

8650 *Malva neglecta* Walbr. ditto  
(5) with # 8649

8651 *Malva neglecta* Walbr. ditto  
(2) In field below Castell's at  
Hafenell Gap near highway 60

*Silene antirrhina* L.  
with # 8651

8652  
(3)

Bull Run Mt., Va  
Fauquier Co  
May 25, 1941  
H. A. Allard

8653 *Cerastium ~~viscosum~~* ditto  
(1) with # 8652 (glanduliferous)  
= *C. vulgatum*  
var. *hirsutum* Trice  
f. *glandulosum* (Boern.) Druce

8654 *Sisymbrium* ditto  
(1) with # 8652  
= *Sisymbrium officinale* var. *leucarpum* DC

8655 *Alcea rosea* *serpyllifolia* L. ditto  
(1) with # 8652.

8656 *Vitis* ditto  
(2) Fence now thickened near # 8652

8657 *Viburnum dentatum* L. ditto  
(2) Fence now thickened near # 8652  
full bloom - from same bush  
as # 8605

8658 *Rosa blanda* Ait. ditto  
(3) In field across road from  
Castell's on # 601; full bloom.  
(near for Bull Run area)

*Rubus frondosus* Bigel. Bull Run Mt., Va  
stems arching; thick  
by roadside #1601 near  
8659 #8652; full bloom; May 25, 1941  
H.G. Allard.  
mostly past in wash. D.C.  
one floricanes  
" primocane.

8660 *Gramineae* ditto  
11) at brook head of Costello's originating  
at Riley's (near Hatch's spring).  
= *Festuca obtusa* Spreng

8661 *Houstonia purpurea* var *pubescens* Britton ditto  
11) In old field where lone pine  
(*P. echinata*) grows.

8662 *Trifolium procumbens* L ditto  
11) same field with #8661; abundant,  
full bloom.

8663 *Maclura pomifera* (Raf.) Schneid. ditto  
(2) at old cabin across Hopewell Gap.  
road #628 near white oak grove, near  
Hopewell.

8664 *Cerastium viscosum* L (glanduliferous) ditto  
11) at old cabin with #8663.

8665 *Malus pumila* Mill ditto  
(2) In old field near #8663;  
seedling; cult. form.

*Sarya tomentosa* (Lam.) Nutt Bull Run Mt., Va  
at north edge of white oak Tranquar Co  
8666 more west of #8663 May 25, 1941  
H.G. Allard.

8667 *Carya glabra* (Mill.) Sweet ditto  
141 Near #8666  
fruit pyriform, with splitting half  
way to base

8668 *Plantago rugellii* Don. ditto  
(none in flower). In pasture  
just west of white oak grove before  
wild apple locality is reached.  
leaves wavyly sinuate-dentate.

8669 *Rubus frondosus* Bigel. ditto  
In same field with #8665  
3 primocanes  
1 floricanes  
leaves arch, serrated, but strong, stiff.

8670 *Rubus argutus* Link. ditto  
one floricanes  
" primocanes  
In same pasture near wild  
apples. Rather arching

8671 *Malus lanceolata* Rehd. ditto  
11) In pasture west of white oak grove,  
near #8670

8672 *Crataegus crus galli* L. ditto  
121 Near #8671  
(in fruit) green.

8673 *Crataegus pruinosa* (Muhl.) Bull Run Mt., Va.  
In pasture west of Tangier Co.,  
May 25, 1941  
8673 white Oaks grove near H.A. Allard.  
(2) wild apples #8671. <sup>Rock.</sup>

8674 *Gleditsia triacanthos* L. ditto  
(1) In pasture east of wild apples.

8675 *Celtis occidentalis* var. *canina* (Ref.) ditto  
(2) along fence row near #8674 <sup>arg.</sup>

8676 *Vitis vulpina* L. ditto  
(1) with #8675

8677 *Malus* ditto  
(3) near #8675

8678 *Celtis occidentalis* var. *crassifolia* (Lam.) Gray ditto  
(2) Along fence row near  
Hefnerell, but west of #628  
(L.H. 393 of Dean's book, says roughness  
not good as a character)

8679 *Sisyrinchium graminoides* (Pursh.) Bickn. ditto  
(1) In meadow at Hefnerell

Carex blanda Carey Bull Run Mt., Va.  
In meadow near Tangier Co.  
#8679 May 25, 1941  
8680 H.A. Allard.  
(1)

8681 *Dioscorea glauca* Muhl. ditto  
(1) In thicket near #8679

8682 *Vitis labrusca* L. ditto  
(3) In thicket across road way  
west from white Oaks.

8683 ~~*Vitis*~~ *Malva rotundifolia* L. ditto  
~~near #8682~~ var.  
at Beverly Mill in waste ground.  
= *Geranium carolinianum* Fern.  
var. *confertiflorum* Fern.

8684 *Consolida* ditto  
(1) In old, dry field near  
#8682

8685 *Lepidium virginicum* L. ditto  
(1) In old field near turn of  
road west from its north course  
opposite White Oaks.

8686 *Geranium carolinianum* Fern. ditto  
(2) In castles field below  
his house with #8651.

*Geranium columbinum* L. Bull Run Mt., Va.  
In old grassy pasture Fauquier Co.,  
near cabin beside May 25, 1941  
8687 (4) # 8665; delicate plant H.A. Allard.

8688 *Vitis vulpina* L.  
(3) In lane leading near White  
Rocks from road way below (west) ditto

8689 *Populus deltoides* Michx.  
(5) ~~*frumoides*~~  
Near White Rocks, where several  
trees found. ditto

8690 *Myrica sylvatica* var. *caroliniana* (Pursh) J. R. S. P.  
(3) Near # 8689 ditto  
Trigs bend; downy leaf when  
leaved at L.S. all from same tree.

8691 *Hieracium pubescens* var. *typica* R. B. S. P.  
(2) On ledges east from White Rocks. Just in flower. From  
same colony as # 8616. ditto

8692 *Carex*  
(1) In pasture across road west  
from White Rocks. ditto

8693 *Carex grisea* Walp.  
" In meadows near 8679. ditto

*Carex normalis* Michx. Bull Run Mt., Va.  
In meadow near May 25, 1941  
8694 Hagerell (with H.A. Allard  
" # 8679 Fauquier Co.

8695 *Cerastium <sup>vulgatum</sup> ~~viscosum~~* var. *hipocistum* Fries.  
(2) some glands ditto  
In old field below Costello's  
on # 601. (with 8653)

8696 *Vitis labrusca* L. ditto  
" (wooly white) beneath.  
In fence row thick just below  
Castello's on # 601 - near # 8695

8697 *Veronica officinalis* L. ditto  
" with # 8695  
In dry, sterile galled soil.

8698 *Physocarpus opulifolius* (L.) Maxim. ditto  
" In Jackson Hollow by road side,  
damp soil near Harris quarry  
on # 628: (full bloom; very showy.)

8699 On ledges east of White Rocks. ditto  
" fl. yellow, small like *venethora*  
Infrequent: just in flower.  
= *Helianthemum canadense* (L.) Michx.

8700 *Cuscuta saccharinum* L. ditto  
(2) North of Owens on # 628  
in dry woods.

Veronica <sup>across from</sup> Bull Run Mt., Va  
In old field where <sup>Franklin Co</sup>  
8701 road turns from H.A. Allard,  
"1" north to road below west slope of  
white rocks. White Rocks Cr.  
- V. arvensis L

8702 Asclepias syriaca L  
"1" (Not in flower) In old field ditto  
near # 8701

8703 Prunus arum L ditto  
"1" In fence row thickets on high  
pasture ridge S.W. of Hopewell.

8704 Equisetum arvense water ditto  
"1" In meadow at old mill  
west of Hopewell, just off 601 (N.)

8705 Stellaria longifolia Muhl. ditto  
"1" In meadow with # 8704

8706 Nyssa sylvatica var. couliniana (Poir.) Torr. ditto  
"2" Trunk breaks easily when  
bent at L  
In high pastures west of Hopewell -  
Broad Run road, S.W. of Hopewell,  
from same tree.

8707 Brassica ditto  
"1" growing near wild apples in pasture  
west of white Oak grove.  
- Sinapis officinale var. leiocarpum DC.

Cerastium viscosum L Bull Run Mt., Va  
at old cabin near # 8663 Franklin Co  
8708 some not sticky. H.A. Allard  
"1"

8709 Carex mulhlenbergii var. <sup>energis</sup> Boott. ditto  
"1" In old field just east of Boott,  
wild apples, west of Hopewell ~~to~~ to  
Broad Run highway.

8710 Carex phaeotella Mack. ditto  
"2" In old field west of highway  
running at foot of White Rocks slope.

8711 Boopis lichens ditto  
"1" rocks near wall S.W. of  
Hopewell on high pasture ridge.

8712 Carex luschii Mack. ditto  
"1" In pasture west of White Rocks  
(west of high below on west slope.)

8713 On spruce logs ditto  
"1" and stumps  
near where Haver dam is  
where we pitched our tent.  
Canaan Valley,  
Tucker Co., West Va.,  
May 31, 1941  
H.A. Allard  
8-9 miles east of Davis  
at head of Little Black  
water Creek near bridge

8714 with # 8713 ditto  
"1" On old logs.

Cladonia  
On old spruce logs and  
8715 stumps  
Carraan Valley, West Va,  
Tucker Co.,  
8-9 miles east of Davis  
May 31, 1941  
H.A. Allard  
near beaver ponds.

Caltha palustris L. Carraan Valley, W. Va.  
Tucker Co.  
9 miles east of Davis  
near beaver ponds.  
May 31, 1941  
H.A. Allard  
8722 Very abundant,  
everywhere in swamps  
below beaver ponds etc.

8716 with Cladonia  
VI with # 8715 on old spruce logs & stumps ditto

8723 Gramineae Poa cuspidata Nutt ditto  
(1) with # 8719  
In wet soil in spruce swamp  
across stream from our  
camp 1/2 mile below beaver pond.

8717 Cladonia  
VI with # 8715 on old spruce logs & stumps ditto

8724 Gramineae ditto  
(2) with # 8719  
= Poa cuspidata Nutt.

8718 Cladonia  
VI with # 8715 on old spruce logs & stumps ditto

8725 Viola  
(2) (blue) lateral bearded  
very abundant; with 8719 ditto

8719 Arisaema stenandron Britton  
In very wet ground in swamp at  
our camp below beaver dam 1/2 mile.  
I sent 3 or 4 specimens to Fernald,  
Gray Herbarium June 5, 1941. ditto

8726 Rhododendron macrocarpum  
VI with # 8719 ditto

8720 Ranunculus septentrionalis Poir  
VI with # 8719  
In wet muddy swampy soil; full  
bloom, abundant. ditto

8727 Tsuga canadensis  
VI with # 8719 ditto

8721 Viola  
(3) (white), with purple lines; lat. petals  
with # 8719 slightly bearded. ditto  
very abundant growing in sphagnum.

8728 Abies balsamea  
VI with # 8719 ditto

*Carex gracillima* <sup>schumacher</sup> Canaan Valley, W. Va.  
9 miles  
below beaver pond  
east of Davis and  
where we pitched  
beaver ponds.  
tent for swamp. May 30, 1941  
H.A. Allard  
|| frequent; in  
red soil here etc.

8730 *Carex intumescens* Rudge ditto  
|| with # 8729.  
In red mucky soil in rhododendron-  
spruce swamp across from our tent; common

8731 *Picea rubens* ditto  
with 8729

8732 *Carex debilis* var. *rudgei* Bailey ditto  
|| with 8730: frequent.

8733 *Carex leptomeria* Fern. ditto  
|| with # 8730 before here: # 6895  
collected by H.A.A. by Carex or Mackenzia,  
not reported in W. Va.

8734 *Carex intumescens* Rudge ditto  
|| with # 8730 frequent.

8735 *Carex folliculata* L ditto  
|| with # 8730: frequent;  
immature.

In red soil near beaver dam Canaan Valley  
H.A. Allard  
8736 *Carex leptalea* Wahl. May 30, 1941  
|| 9 miles east of Davis  
& beaver ponds.

8737 *Gracillima* ditto  
|| (fl. white)  
with # 8736; abundant  
in swamps here.

8738 *Veronica* ditto  
|| in water and muck  
below beaver ponds; full bloom.

8739 *Monarda* (Potamogeton) ditto  
|| covering upper side of beaver  
dam below water line,  
acting as an obstruction to  
holes etc., seems to be used by  
beavers for chinking holes etc.

8740 *Carex intumescens* (Pers.) Poir. ditto  
|| with # 8730; abundant.

8741 *Carex stipata* Muhl ditto  
|| at beaver dam; abundant.

8742 *Trillium*  
|| petals pink striped; in wet  
mossy soil 3 miles east of Davis  
on old lumber R.R., May 30, 1941  
on walk to camp.

Moss  
On stems of  
Rhododendron in  
8743 swampy at camp. of Davis, 2 miles below  
Canaan Valley, Tucker Co.,  
West Va.; 9 miles east  
of Davis, 2 miles below  
beaver ponds.  
May 31, 1941  
H.A. Allard.  
Plagiobaculum micans (Sw.) Paris  
plus Bazzania trilobata (L.) S.F. Gray.

8744 Oxalis  
on steep bank.  
On route to Petersburg  
leaving #32 from Davis  
11 miles below Davis,  
about 3 miles in on this  
highway. June 1, 1941  
H.A. Allard.

8745 Azalea calendulacea  
Near # 8744, on hillsides here;  
very showy, full bloom.  
ditto

8746 Geranium  
On steep embankment by  
roadside 1 mile beyond # 8745  
ditto

8747 Carex stipata Muhl.  
Near at beaver plain  
ditto  
May 30, 1941

8748 Geranium  
U.S. route 50 between Romney, W. Va.  
and Winchester, Va., 20 miles beyond  
Romney, Hampshire Co., June 1, 1941  
H.A. Allard. On shale banks.

8749 Pentstemon  
On shale banks  
along # 220. Very  
abundant, showy.  
Between Petersburg  
and Moorfield, W. Va.,  
Hardy Co.,  
on U.S. 220.  
June 1, 1941. H.A. Allard

Pentstemon  
on shale banks.  
8750 very abundant,  
(4) full bloom,  
showy.  
Raymond Romney 20 miles  
on road # 50 to Winchester.  
Hampshire Co.,  
June 1, 1941  
H.A. Allard.

8751 Pentstemon  
On shale banks;  
abundant, showy.  
Near Moorfield, W. Va.  
Hardy Co.,  
June 1, 1941  
H.A. Allard  
On U.S. 220.

8752 Pennic linearifolium Sailer  
(5) One clump; with # 8751  
ditto

8753 Oxalis  
(3) On shale banks  
half way between Moorfield  
and Romney, W. Va., on # 220  
ditto

8754 Pentstemon  
(5) Deep pink, very showy; on  
shale banks 18 miles from Petersburg  
on highway leaving # 32 11 miles below Davis  
across mountain country. West Dolly Sods lower  
to Petersburg. June 1, 1941. H.A. Allard

8755 Pentstemon  
(3) with # 8754  
ditto

8756 Lepidium virginicum L.  
on shales near # 8754  
ditto

Carex Boena wild.  
on shale in mountain road  
to Petersburg leading off #32 - 11 miles  
8757 below Davis, W. Va. Hardy Co.  
(2) June 1, 1941. H.A. Allard

8758 Canaan Valley *Picea rubra*  
" Tucker Co.  
9 miles east of Davis  
and 1/2 mile below beaver dam.  
for May 31, 1941.

8759 H.A. Allard one a great forest here.  
(8) Between Romney and Winchester, W. Va.  
on #50, 20 miles beyond Romney,  
Hampshire Co. June 1, 1941  
on shale outcrops.

8760 *Hemlock americana* L. var. *typica* (full bloom) *Reichenbachii*,  
(1) *Houstonia serpyllifolia* Thicket *Butters & Zabella*,  
This species is near var. *toponotum* Pease & Moore  
as tube not longer than lobes of corolla, i.e.  
relatively short. Canaan valley

8761 *Viola*  
" 9 miles east of Davis at our  
camp just below beaver dam; abundant  
on moist banks (open) in full bloom.  
at 2nd sandstone heap near south end of short mt., Va.  
foot of short mt. in open thickets. Massanutten,  
Shenandoah Co. June 6, 1941  
H.A. Allard.

8762 *Rhus aromatica* Ait.  
(4) Fruit now red, ripe; abundant  
on shale proper. ditto

8763 *Sanicula trifoliata*  
3 1/3 in woods at foot, and on  
high shale proper; frequent. ditto

*Lupelia*, in open thickets south end of short mt., Va.  
by roadside just above Massanutten,  
Shenandoah Co. where we park - i.e. June 6, 1941  
8764 at 2nd sandstone heap H.A. Allard  
131 east.

*Oxalis* with # 8764; abundant ditto  
8765 at 2nd sandstone pile east.  
131

*Houstonia*  
8766 with # 8764; just in flower; ditto  
abundant on shale well up mt.  
(5)

*Papaver*  
8767 with # 8764; also in pasture ditto  
cleared on shale below there.

8768 *Oxalis*  
" in open ground where we park ditto  
car at foot of short mt. in cleared  
pasture contiguous to barrens proper.

8769 *Anagallis arvensis* L.  
" with # 8768; frequent here and ditto  
in pastures just below shale proper.

8770 *Arabis canadensis* L.  
" in woods at same place just ditto  
beyond where we park.

*Galium circaeagum* Michx. South end Short Mt., Va.  
In ravine, wooded, Massanuttes  
near where we park June 6, 1941  
87771 at foot. H.A. Allard

(11)

*Verbascum Hatteria* L.  
87772 flowers yellow, By roadside ditto  
(11) on shales at foot.

87773 *Rosa*  
(11) In open thicket at foot, and  
on shales near: abundant, full  
blossom. ditto

87774 *Anthem. arvensis* L.  
(11) On shales in pasture at foot  
of slope; abundant. ditto

87775 *Geranium* at foot of  
(31) road way where we parked;  
in open thicket; frequent. ditto

87776 *Oxalis*  
(11) In thicket on shales at foot  
near highway, where we park;  
abundant. ditto

87777 *Veronica*  
(11) On shales and in dry pasture  
thickets on shale slope;  
frequent. ditto

July 21, 1940. To Bull Run Mt., Va.  
following valley road course to Hagerell  
Lake, Castellana & Riley's Spring thence  
high up west slope through woods  
to High Point cliffs, and back to  
car via Broad Run and spouting  
spring and railroad trail.

Temp. (air) 97°. Walked  $6\frac{3}{4}$  miles  
by pedometer. Went with Mr.  
Wagner, Miss Antoinette Ketcher  
and Mr. Ransing.

Aug. 3, 1940. To Short Mt. with above  
party, including an addition of a  
High School boy Mr.

Walked up shale benches to top,  
beyond and return -  $2\frac{3}{4}$  miles  
by pedometer.

Aug. 14, 1940. To Bull Run Mt. alone by Bus.  
Followed mill race and Broad Run to  
Broad Run Sta., thence up slope to ledge  
and south to spouting spring, walked  $2\frac{1}{2}$   
mi. by pedometer.

Aug. 25, 1940. To Bull Run Mt. with P.  
Walked up to spouting spring east of  
valley road, thence to High Point and  
return along trail from High Point  
to Mill. Walked 4 miles by pedometer.

to Oriskany. Distance by pedometer =  $4\frac{1}{4}$  miles

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Sept. 1, 1940. To Hagerell Gap area,  
Bull Run Mt., Va., with P.  
walked along interior valley above  
Antioch from Hagerell - Antioch  
road north to swamp north of  
pastures where colored idiots lived.  
Thence west of east slope to top  
of ridge and south to starting  
point at Hagerell Gap where *Viola*  
*pedata* is so common on banks.  
Distance walked = 3 miles by pedometer.

Sept 2, 1940. To Shale Barrens at  
foot of Pugh's Run near  
Woodstock, Va., ~~via~~ Massanutten  
Mt., then drove to Elliott  
Knob near Starvation, with  
Dr. Gurney of Entomology and  
Plant Quarantine. Covered 6 miles  
on entire walk.

Sept. 8, 1940. To Bull Run area  
with Proctor & Son, walking  
down Broad Run from Berkeley  
Mill as far as large *Celtis*  
trees. 2 miles down stream.  
walked 4 miles on this  
walk.

Sept. 15, 1940. To Bull Run Mt., with P.  
walking from Hagerell Gap (Orons) on  
west slope to Mrs. Cope's. Thence  
to White Rocks, on to Harris Place  
and quarries and return via road  
to Orons. Distance by pedometer = 4 3/4 mi.

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Sept 21, 1940. To Woodstock, via  
Panama & Luray with D. - Sept. 22,  
1940 walked from front of Pugh's Run  
east to steeped shale barrens where I  
fell and cut my arm, then  
with about mid way of ridge across  
the rock slides to the "Barrens",  
beyond Mr. Boyer's, then to  
car on trail along the Shenandoah.  
walked  $4\frac{1}{2}$  miles by Pedometer.  
slipped and cut my arm severely on  
the barrens at Pugh's Run, having  
it dressed by a doctor in the  
drugstore at Woodstock in late  
afternoon. at a charge of 15 cents,  
only (I insisted that he take 25 cents  
at least).  
high  
shale Barrens

only (at least).  
Sept. 29, 1940. To <sup>high</sup> shale Barrens  
east of Mr. Burner's at foot of English  
Run south east of Woodstock in  
Mass another with T. walked  $3\frac{1}{2}$  mi  
by pedometer. — all Run walking

by pedometer.  
Oct. 6, 1940. To Bull Run, walking  
from Castellaz to west slope of tr.  
High Point & return with T. walked  
3 1/2 miles by pedometer. Saw huge  
rattlesnake at High Point cliffs  
- shot mt.

October 10, 1940. To Suck end Short Mt.,  
in Massanutten with A. B. Durray,  
walked  $3\frac{1}{2}$  miles by pedometer.

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October 12, 1940. To South end  
of Short Mt., Massanutten range,  
Va with A. B. Sweeney, and to  
shale barrens at end of road  
from P. O. at Mauretown,  
walked  $3\frac{1}{2}$  to 4 miles by pedometer.

October 13, 1940. To Hagerell Gap  
with Rod daughter walking  
to wild crab trees & return. Walked  
 $3\frac{1}{2}$  miles by pedometer. Very lame  
from ruptured Sartorius muscle in  
right leg done August 12 on  
top of Short Mt., Massanutten

Nov 3, 1940. To Hagerell Gap with T.,  
walking past Castello's and Riley's  
springs, to the bare areas thence to  
High Point Cliffs and return, i.e.  $3\frac{1}{2}$   
miles by pedometer.

Nov. 10, 1940 To Bald Knob, Augusta Co  
with D., climbing this from Camp Todd  
Nov. 11. Walked 6 miles by pedometer.  
Nov. 12. climbed south end of Short  
mt. poles. walked  $1\frac{1}{2}$  miles.

Nov. 17, 1940. To Hagerell Gap with T.  
walked to bare areas thence to  
High Point and return. walked  
 $3\frac{3}{4}$  miles by pedometer.

November 21, 1940. Clear, warm.  
To Bull Run Mt., with T. walked  
from Castello's at Hagerell Gap back  
of Owens down valley road to  
Mrs. Harris's near quartz boulder,  
thence across to old Riley's cabin,  
thence south to Mrs. Galby's, thence  
ad south to spring and to car,  
to Chestnut Tree spring and to car,  
6 miles by pedometer. Found  
mistle toe on red maple - my first  
record in Bull Run. - #8306. Carried  
35 lbs all the distance in my pack -  
ie camera 12 lbs 18 lbs w/ w/ lichen.  
Found a living female *Orebelium* minor  
on rock at base of pine tree in pine  
grove north of Harris place, then to Sweeney.

Dec. 1, 1940. To Bull Run Mt., Va., with T.  
walked up to Castello's spring, thence  
to Big White oak grove and to pastures  
N., then up north & west slope to  
High Point Cliffs - covering  $3\frac{1}{2}$  miles  
by pedometer.

Dec. 8, 1940. To Bull Run Mt., with T.  
walked to high broadedge field,  
thence to bare areas and up to  
High Point Cliffs and return  $2\frac{1}{2}$   
miles by pedometer.

December 22, 1940, To Bull Run  
1st., with T. visited the mistletoe  
land, walked from castle down  
road east to valley to Chestnut Tree  
spring, then up ridge and return  
by roadway 629 to car. walked 3 miles  
by pedometer.

January 1, 1941, Take same walk with T.  
as on Dec. 22, 1940. walked  $3\frac{1}{2}$   
miles by pedometer.

January 5, 1941. To High Point, parking at  
Thoroughfare Gap (with T.). walked  $5\frac{1}{2}$   
miles by pedometer. Carried back a  
pack including rocks weighing 41 lbs.  
Temp. at cliffs at noon  $22^{\circ}$  F. going to  
 $26^{\circ}$  briefly at 1 P.M.

January 12, 1941. Take same trip as on Jan. 5,  
to Thoroughfare Gap and High Point.  
beautiful, fair, warm all day. walked  
back from High Point with 42 lb. pack of  
rocks lichens etc. (with T.) 5 miles by pedometer.

January 19, 1941. Take same trip  
as on January 5. Cold, clear, very  
windy with T. walked  $4\frac{1}{2}$  miles by  
pedometer; carried back 30 lbs. rocks  
with lichens. Bad ice storm a few days ago  
breaking down electric & telephone poles across  
Haymarket to Bererley Mill. Temp.  $27^{\circ}$

January 26, 1941. To High Point Cliffs via  
Hawell Gap. collected lot of *Prunella rigida* forma  
*globosa* for Clarence McK. Lewis,  
Skylands Farm, Shloatsburg, Rockland Co., N.Y.  
walked  $3\frac{1}{2}$  miles by pedometer.

Feb. 2, 1941. To High Point cliffs  
with T. parking at Bererley Mill.  
walked  $4\frac{1}{4}$  miles by pedometer - ie  
2 miles to cliffs. cloudy; 3 in. snow  
on ground.

Feb. 9, 1941. To Harris ridge N. of  
Hawell Gap. with T. parking at  
Omer's property. walking to Mistletoe  
via Chestnut Tree spring. walked  
 $3\frac{1}{2}$  miles by pedometer.

Feb. 22, 1941. To High Point Cliffs  
with K. from Bererley Mill, Thoroughfare  
Gap. walked  $4\frac{1}{4}$  miles round trip.  
weather with brilliant sun; very windy;  
air temp. shade at noon  $30^{\circ}$  F.

March 23, 1941. To Bull Run with  
K. parking at Bererley Mill. walked  
 $2\frac{1}{4}$  miles north along wood road  
beyonding Catlett's Run, thence  
near up to High Point, and south  
along ridge below cliffs along  
east slope to Bererley Mill. By  
pedometer walked  $5\frac{1}{2}$  miles. Met  
Mr. Graham an agreeable white  
man, and a worthless, rather  
abnormal colored giant Leslie Stokes.  
Saw two great blocks of geese in V  
shaped formation about 1 P.M. going  
W. N. W.

March 30, 1941. To Hapenell Gap with K.  
Parked between Owens & Castello properties.  
walked past Riley cabin now owned by  
Mr. & Mrs. Fitch of Alexandria (160 acres of land  
including high brown edge field). Collected  
rock lichens on ridge east of High Point  
ridge here. walked  $3\frac{1}{4}$  miles by pedometer.

April 6, 1941. To Hapenell Gap with T. walked  
up trail to High Point Cliffs then back at  
foot of cliffs major - covered  $4\frac{3}{4}$  miles  
by pedometer. Light sprinkle in forenoon.

April 13, 1941. To Hapenell Gap, parking  
between Owens & Castello properties.  
walked down road to ~~foot~~ point  
near end of middle ridge then to  
chestnut tree spring, mistletoe. Then  
up the ridge and along its crest to  
Harris quarry then down road way  
to a point near Ashby's down road,  
eroded road way, and across the  
ridge west of chestnut tree spring  
to car. walked  $6\frac{3}{4}$  miles. Lost  
T. Found small ant, *Cladonia*  
*rangiferina* on this ridge.

April 20, 1941. To the aeronautic tower  
on Bull Run Mt. 6 miles N. of Hapenell  
Gap with K. walked to top, a distance  
of about  $\frac{3}{4}$  mile from highway. walked  
about 2 miles in total. Temp at  
top shade =  $90^{\circ}$  F. Official for March 940

May 25, 1941. To Bull Run Mt. with T.  
Parked at Castello's - ie junction of  
601 with 628. walked west to high pastures  
W. of Hapenell - Broad Run highway  
to wild apples, then S. and N. E.  
to point west of White Rocks, then  
to White Rocks, to Harris quarry, and  
on 628 to car, a distance of  $7\frac{3}{4}$  miles  
by pedometer. Found several trees  
of *Populus deltoides* near White  
Rocks. See #8689.

May 29, 1941. Leave for Canaan Valley,  
W. Va. Truck to, Eat supper in Winchester  
at 6:40. stop over in New Century Hotel,  
Romney. Drive to Davis May 30.  
walk from Davis, W. Va., leaving  
11 A.M. with 60 lb. pack along old  
lumber rail road bed to bear ponds  
8-9 miles east of Davis where I pitched  
tent, arrived here at 4 P.M. slept on  
ground night of May 30. walked  
back to Davis May 31, with 60 lbs.  
plant press etc. collected *Grisebium*  
*sternandsonii* on this trip, in  
swamp where I pitched tent.  
June 6, 1941. To Short Mt. south end with  
A.B. Lurvey. walked to top and return,  
covering  $3\frac{1}{2}$  miles. Returned via  
Ponelli's Past Valley road.

March  
Parke  
Walker  
Dr. & Dr.  
included  
rock  
ridge

April 6  
up trail  
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April 13  
between  
Walker  
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April 2  
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Find *Cladonia rangiferina* on some  
rock shelter at High Point, Jan 12, 1941.  
Harris here.

all numbers with symbol e and  
replaced.

April 27, 1941. To Bull Run Mt., Va.; therefore  
with the Capital Hiking Club.  
crossed the left and right bank of  
Broad Run below Bererly Mill for  $1\frac{1}{2}$   
miles then nearly to Broad Run  
station above Bererly Mill. walked  
miles by pedometer collecting  
many plants.

May 4, 1941. To Bull Run Mt., with T. walked  
along flood plain left bank down  
Broad Run from Bererly Mill  $2\frac{1}{2}$  miles,  
up on right bank, covering 5 miles  
by pedometer.

May 11, 1941. To Buzzard Mt., Culpeper Co.,  
walked over both peaks and deep valley  
between; distance by pedometer = 4 miles.

May 18, 1941. To Bull Run Mt., with K.  
walked from Castell's south to  
Jewell, then north across  
sides of White Rocks ridge, then to  
orris place and return by valley,  
road 629, a distance of  $5\frac{1}{4}$  miles by  
pedometer.

